Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051964.D
Acq On : 23 Oct 2018 14:54
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Quant Time: Oct 24 04:14:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 04:09:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 1266811 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1830336 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1752496 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 1036818 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 1593509 | 141.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 282.48% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 1765422 | 151.16 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 302.32% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 6531333 | 154.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 309.50% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 2298115 | 158.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 316.82% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 1139697 | 141.770 | ug/l | 99 |
| 3) Chloromethane | 2.06 | 50 | 1001001 | 138.291 | ug/l | 97 |
| 4) Vinyl Chloride | 2.19 | 62 | 1324857 | 136.551 | ug/l | 100 |
| 5) Bromomethane | 2.55 | 94 | 1335686 | 143.785 | ug/l | 97 |
| 6) Chloroethane | 2.70 | 64 | 968272 | 134.424 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 2552066 | 147.622 | ug/l | 99 |
| 8) Diethyl Ether | 3.41 | 74 | 707147 | 137.581 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 1418813 | 137.002 | ug/l | 99 |
| 10) Methyl Iodide | 3.96 | 142 | 2435482 | 158.952 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.78 | 59 | 403892 | 687.771 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.74 | 96 | 1329690 | 143.371 | ug/l | 98 |
| 13) Acrolein | 3.61 | 56 | 284262 | 973.728 | ug/l | 100 |
| 14) Allyl chloride | 4.33 | 41 | 1407068 | 159.215 | ug/l | 98 |
| 15) Acrylonitrile | 4.99 | 53 | 1754173 | 731.486 | ug/l | 99 |
| 16) Acetone | 3.82 | 43 | 1199997 | 645.553 | ug/l | 98 |
| 17) Carbon Disulfide | 4.06 | 76 | 3400091 | 154.227 | ug/l | 100 |
| 18) Methyl Acetate | 4.32 | 43 | 788201 | 125.670 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 3540989 | 142.208 | ug/l | 97 |
| 20) Methylene Chloride | 4.55 | 84 | 1474438 | 135.212 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 5.05 | 96 | 1544029 | 147.001 | ug/l | 98 |
| 22) Diisopropyl ether | 5.95 | 45 | 3229389 | 147.092 | ug/l | 97 |
| 23) Vinyl Acetate | 5.90 | 43 | 11295654 | 739.533 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 2305378 | 140.635 | ug/l | 99 |
| 25) 2-Butanone | 6.84 | 43 | 1860879 | 702.219 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 6.83 | 77 | 2188110 | 145.894 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 1816409 | 148.690 | ug/l | 97 |
| 28) Bromochloromethane | 7.20 | 49 | 975404 | 147.637 | ug/l | 90 |
| 29) Tetrahydrofuran | 7.21 | 42 | 1170946 | 652.174 | ug/l | 98 |
| 30) Chloroform | 7.37 | 83 | 2848825 | 142.326 | ug/l | 99 |
| 31) Cyclohexane | 7.66 | 56 | 1878000 | 106.351 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 2719283 | 148.567 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 2026945 | 144.366 | ug/l | 98 |
| 37) Ethyl Acetate | 6.93 | 43 | 880823 | 143.038 | ug/l | 99 |
| 38) Carbon Tetrachloride | 7.78 | 117 | 2532023 | 157.088 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051964.D
Acq On : 23 Oct 2018 14:54
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Quant Time: Oct 24 04:14:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 04:09:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 2560769 | 149.328 ug/l | | 98 |
| 40) Benzene | 8.04 | 78 | 6082459 | 145.907 ug/l | | 99 |
| 41) Methacrylonitrile | 7.18 | 41 | 421907 | 133.726 ug/l | # | 93 |
| 42) 1,2-Dichloroethane | 8.13 | 62 | 1851174 | 138.497 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.17 | 43 | 1694721 | 144.128 ug/l | | 98 |
| 44) Trichloroethene | 8.84 | 130 | 2027659 | 151.536 ug/l | | 95 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 1371969 | 145.486 ug/l | | 99 |
| 46) Dibromomethane | 9.21 | 93 | 1094333 | 143.957 ug/l | | 94 |
| 47) Bromodichloromethane | 9.40 | 83 | 2206295 | 153.677 ug/l | | 98 |
| 48) Methyl methacrylate | 9.20 | 41 | 807326 | 142.050 ug/l | | 99 |
| 49) 1,4-Dioxane | 9.20 | 88 | 309527 | 2970.115 ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 4528766 | 700.195 ug/l | | 99 |
| 52) Toluene | 10.16 | 92 | 4335255 | 153.359 ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 2214869 | 168.381 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 2441053 | 162.674 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 1544343 | 147.860 ug/l | | 99 |
| 56) Ethyl methacrylate | 10.43 | 69 | 1723049 | 153.469 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 2282767 | 143.966 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 4483040 | 763.126 ug/l | | 98 |
| 59) 2-Hexanone | 10.75 | 43 | 3103932 | 714.250 ug/l | | 98 |
| 60) Dibromochloromethane | 10.90 | 129 | 2039787 | 174.269 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 1699567 | 154.328 ug/l | | 100 |
| 64) Tetrachloroethene | 10.63 | 164 | 2078448 | 154.521 ug/l | | 97 |
| 65) Chlorobenzene | 11.43 | 112 | 5281564 | 149.266 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 2057700 | 161.794 ug/l | | 100 |
| 67) Ethyl Benzene | 11.51 | 91 | 8550464 | 150.335 ug/l | | 99 |
| 68) m/p-Xylenes | 11.62 | 106 | 7112450 | 312.987 ug/l | | 99 |
| 69) o-Xylene | 11.95 | 106 | 3460400 | 156.575 ug/l | | 97 |
| 70) Styrene | 11.96 | 104 | 5766498 | 163.248 ug/l | | 98 |
| 71) Bromoform | 12.13 | 173 | 1494089 | 192.590 ug/l | # | 100 |
| 73) Isopropylbenzene | 12.25 | 105 | 9283295 | 141.180 ug/l | | 99 |
| 74) N-amyl acetate | 12.07 | 43 | 1731675 | 133.797 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 1774631 | 130.614 ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 2217847 | 210.046 ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 2733367 | 150.623 ug/l | | 93 |
| 78) n-propylbenzene | 12.59 | 91 | 10126601 | 142.763 ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.67 | 91 | 5748378 | 139.161 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 7735719 | 146.634 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 505663 | 175.154 ug/l | | 93 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 6020515 | 140.772 ug/l | | 98 |
| 83) tert-Butylbenzene | 12.99 | 119 | 7088872 | 142.073 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 7845765 | 144.178 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.17 | 105 | 9376961 | 143.890 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 8853803 | 150.906 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 4990126 | 149.093 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 4937107 | 149.623 ug/l | | 99 |
| 89) n-Butylbenzene | 13.62 | 91 | 6976644 | 149.336 ug/l | | 99 |
| 90) Hexachloroethane | 13.87 | 117 | 1415213 | 161.910 ug/l | | 92 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 4759329 | 146.989 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 284674 | 136.461 ug/l | | 90 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051964.D
Acq On : 23 Oct 2018 14:54
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 24 04:14:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 04:09:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 3040884 | 158.990 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 1457363 | 148.291 | ug/l | 98 |
| 95) Naphthalene | 15.13 | 128 | 6394159 | 153.937 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 2830938 | 154.849 | ug/l | 99 |

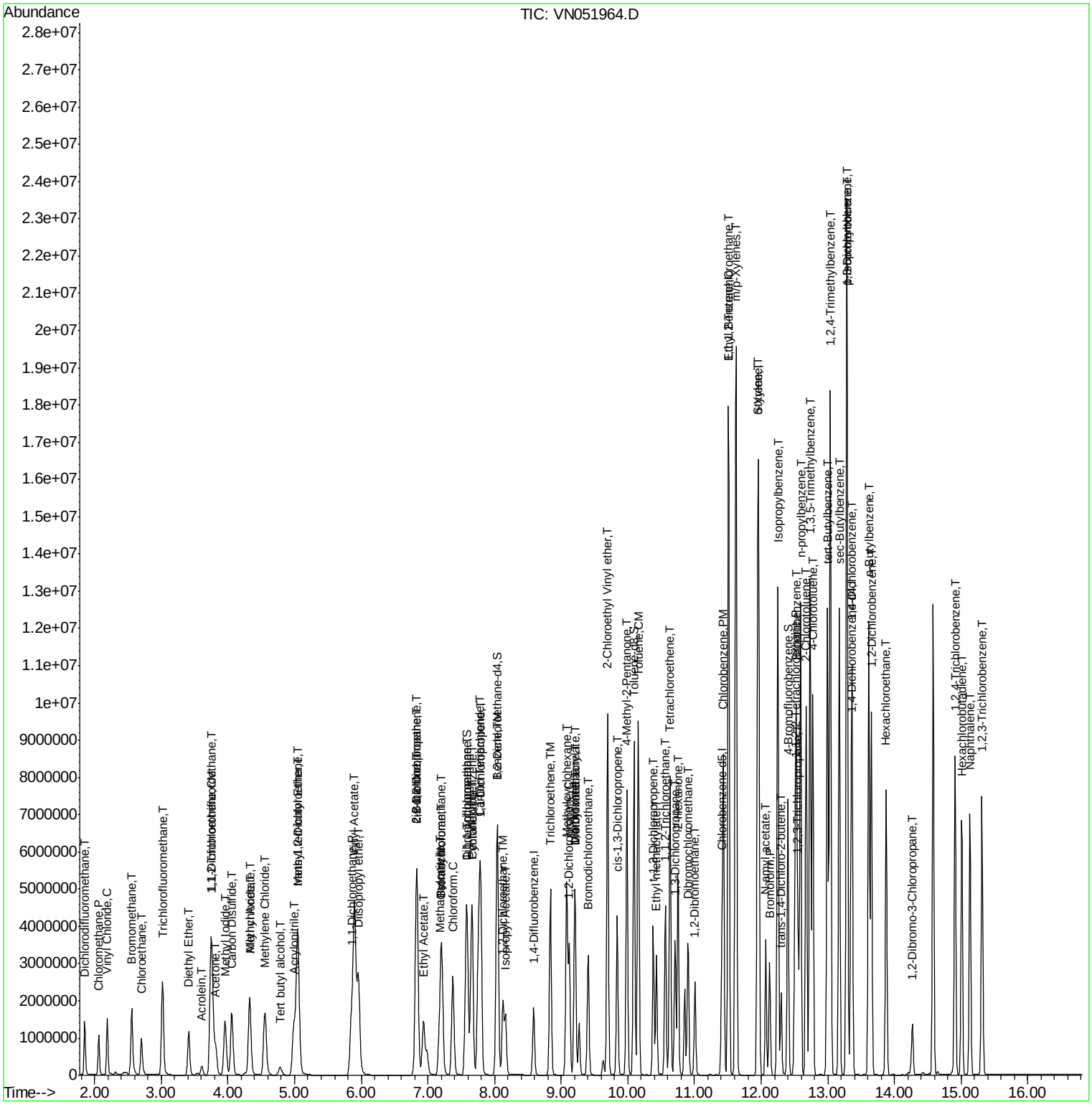
(#) = qualifier out of range (m) = manual integration (+) = signals summed

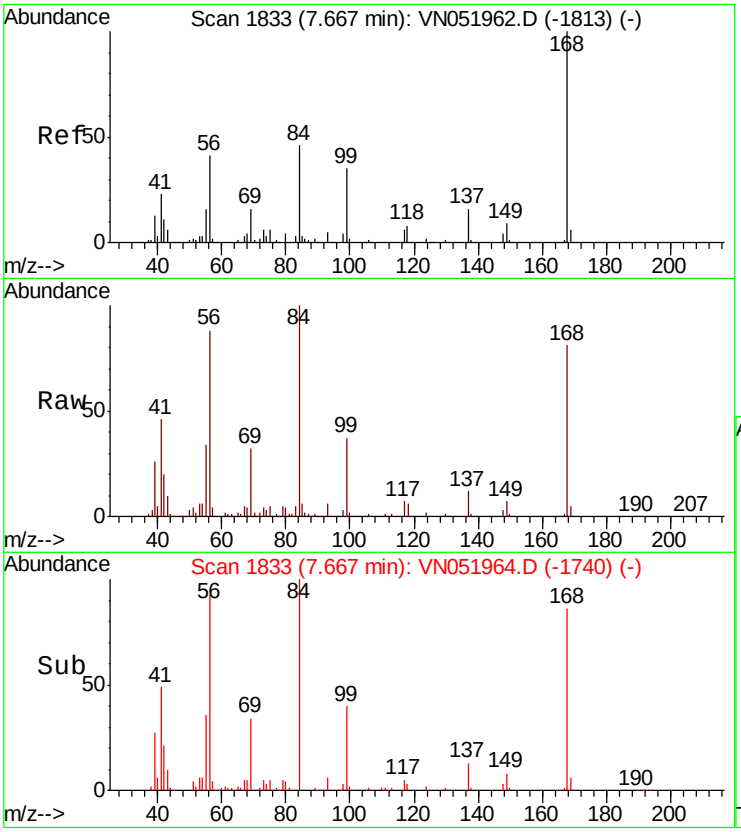
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051964.D
Acq On : 23 Oct 2018 14:54
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 24 04:14:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 04:09:28 2018
Response via : Initial Calibration



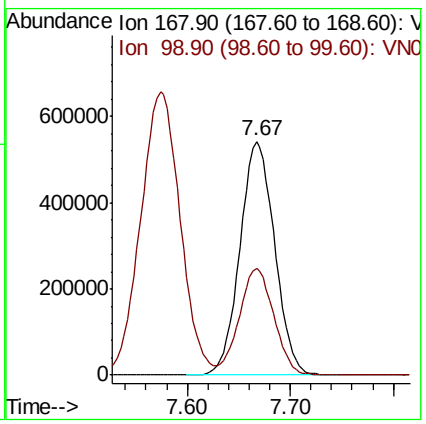


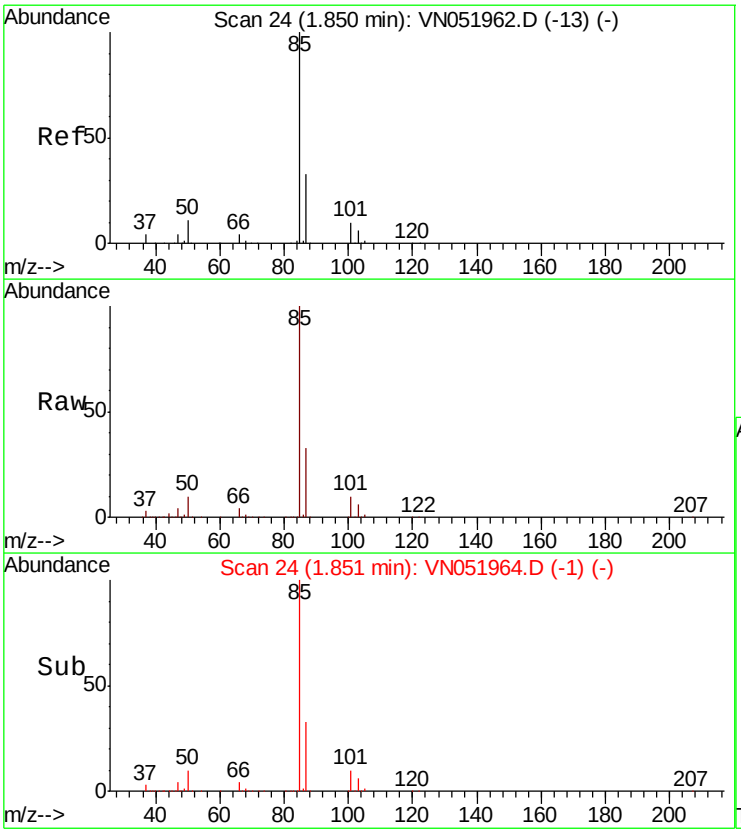

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:168 Resp: 1266811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.8 | 37.8 | 56.6 |

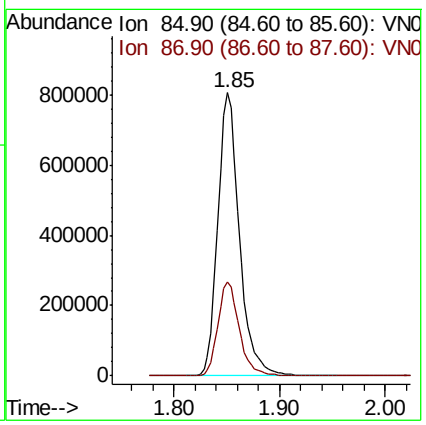


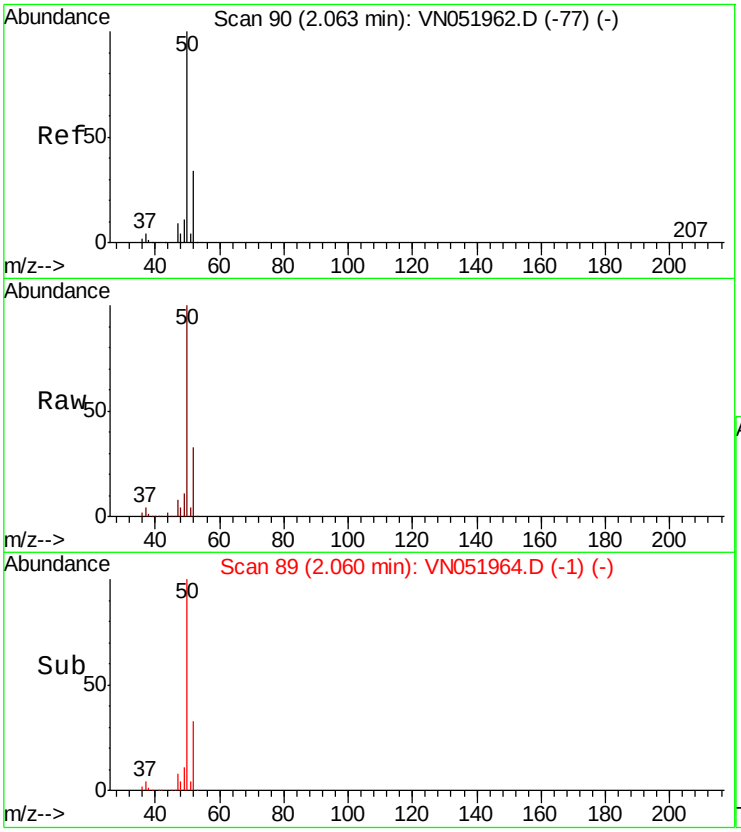




#2
Dichlorodifluoromethane
Concen: 141.770 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 85 Resp: 1139697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.2 | 16.4 | 49.2 |



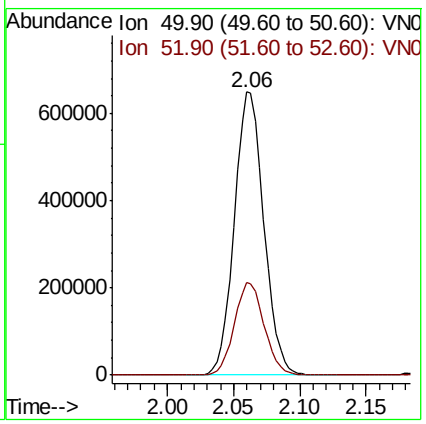


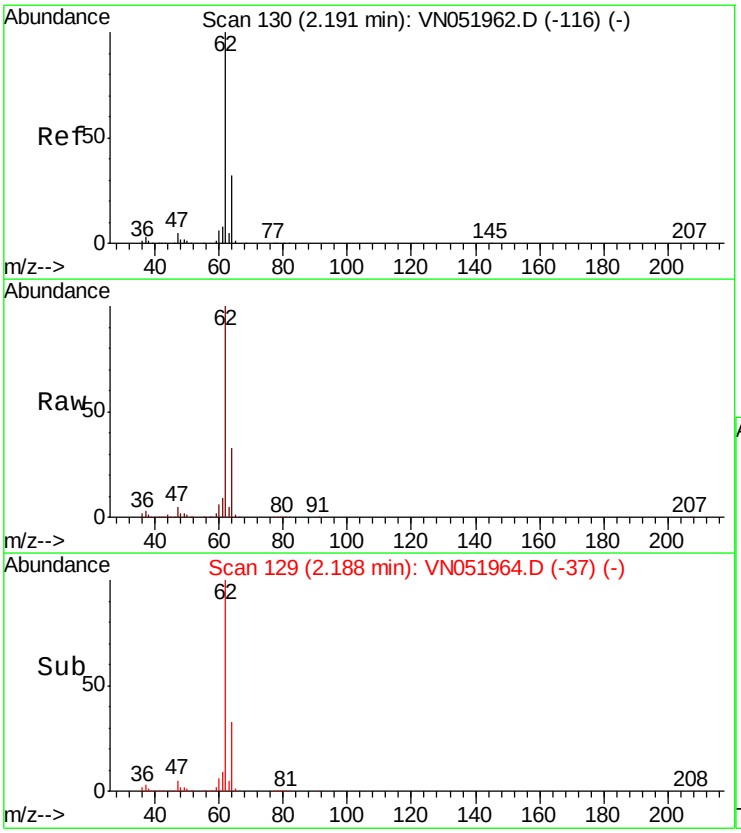

#3
Chloromethane
Concen: 138.291 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 50 Resp: 1001001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.5 | 27.5 | 41.3 |

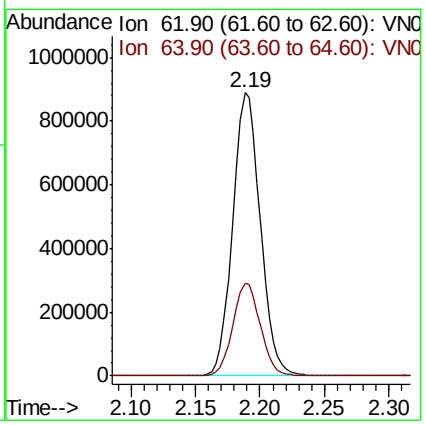


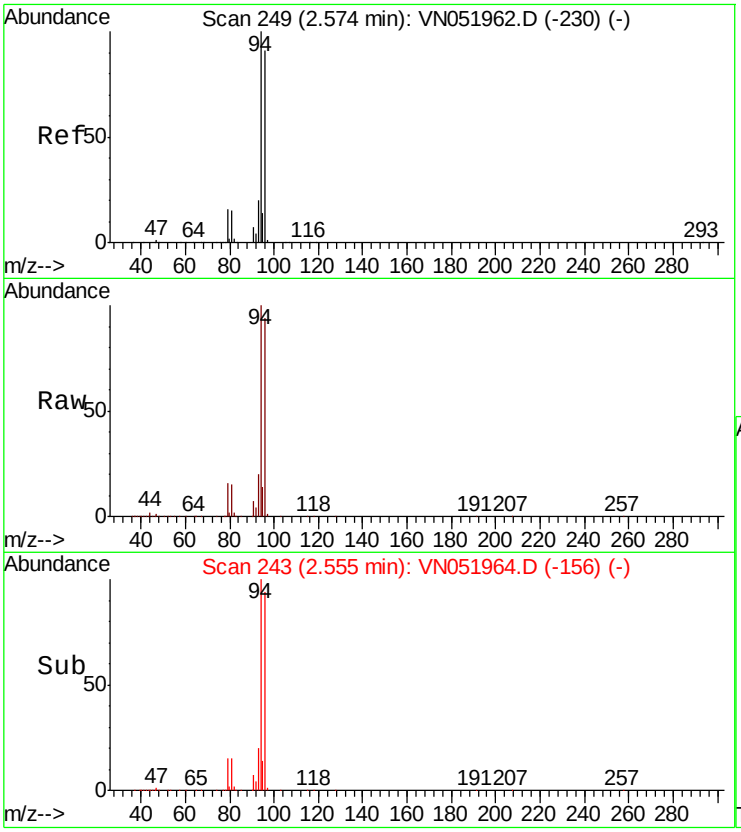




#4
Vinyl Chloride
Concen: 136.551 ug/l
RT: 2.19 min Scan# 129
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 62 Resp: 1324857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.6 | 26.0 | 39.0 |



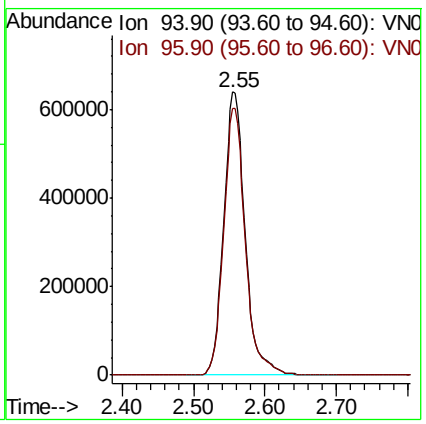


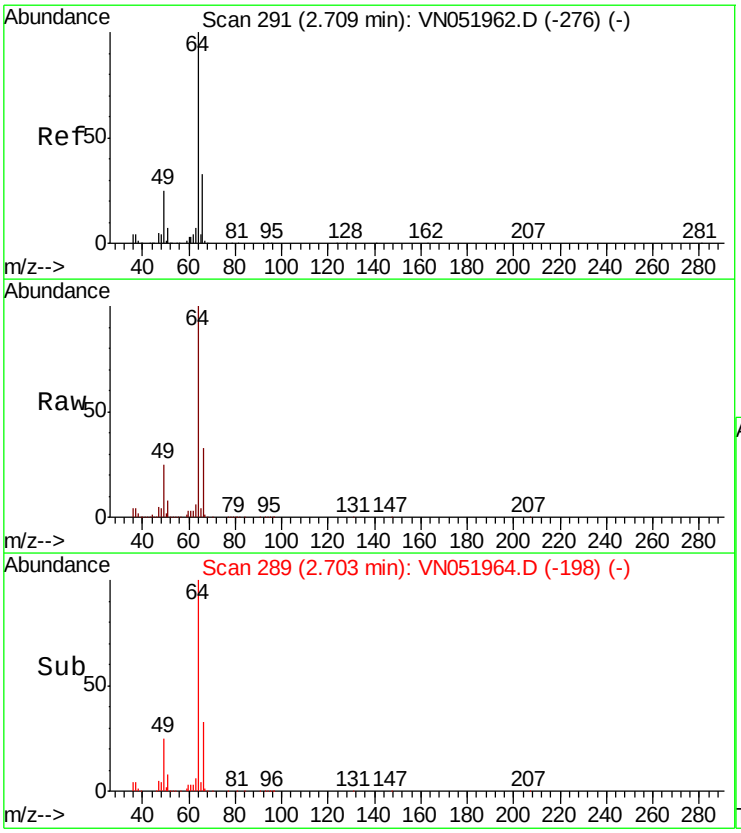

#5
Bromomethane
Concen: 143.785 ug/l
RT: 2.55 min Scan# 243
Delta R.T. -0.02 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 94 Resp: 1335686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.3 | 73.0 | 109.6 |

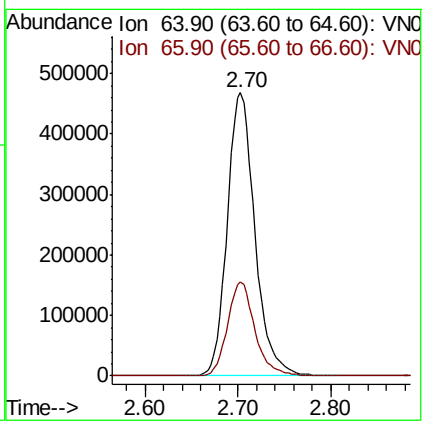


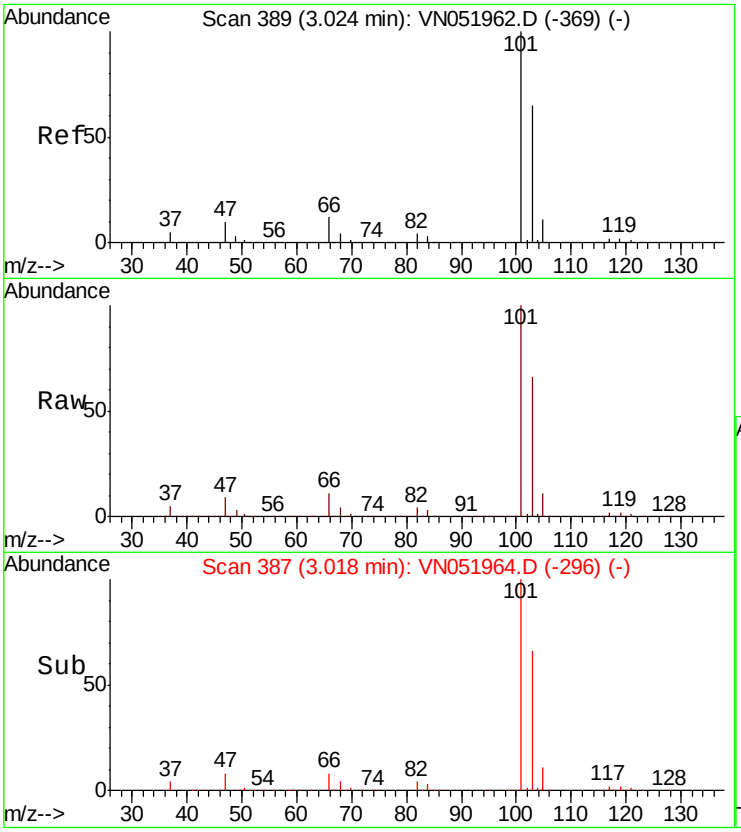




#6
Chloroethane
Concen: 134.424 ug/l
RT: 2.70 min Scan# 289
Delta R.T. -0.01 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 64 Resp: 968272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.2 | 26.2 | 39.2 |



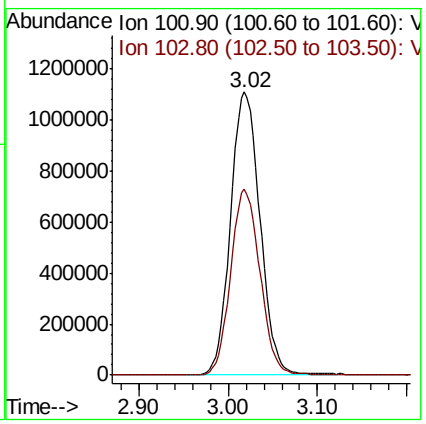


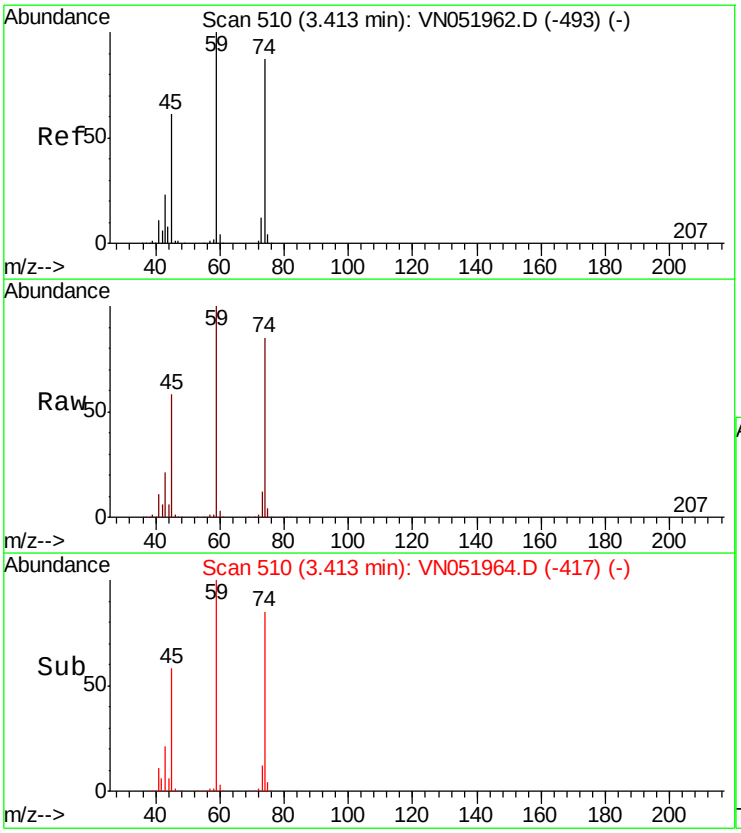

#7
Trichlorofluoromethane
Concen: 147.622 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.01 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 2552066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 52.0 | 78.0 |

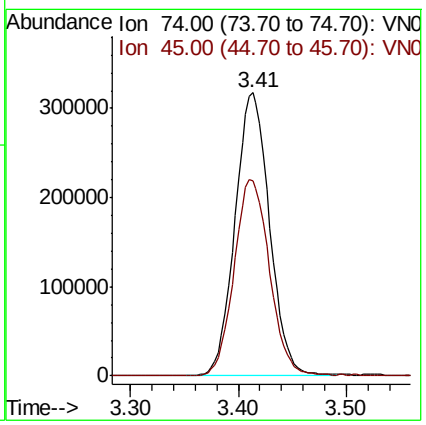


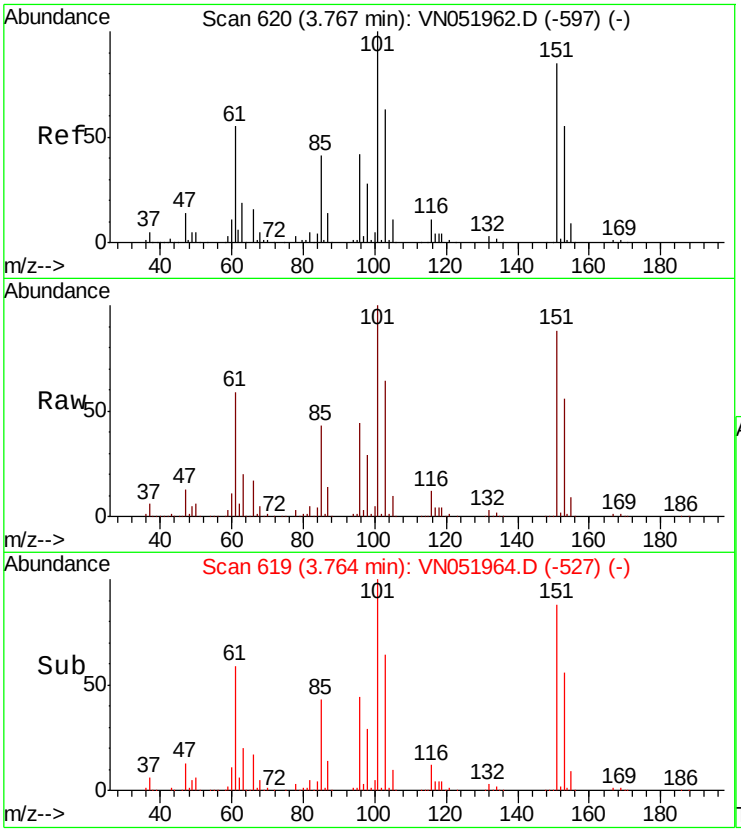




#8
Diethyl Ether
Concen: 137.581 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 74 Resp: 707147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 71.1 | 35.5 | 106.5 |



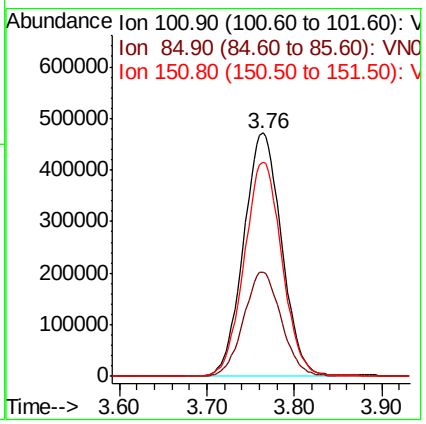


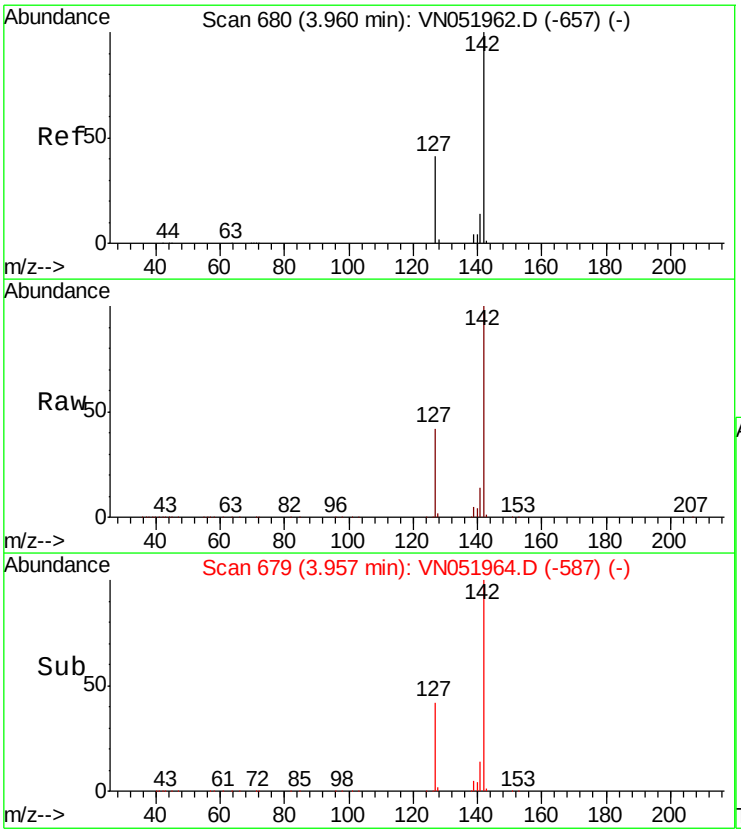

#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.002 ug/l
RT: 3.76 min Scan# 619
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 1418813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.5 | 34.2 | 51.4 |
| 151 | 87.8 | 69.1 | 103.7 |

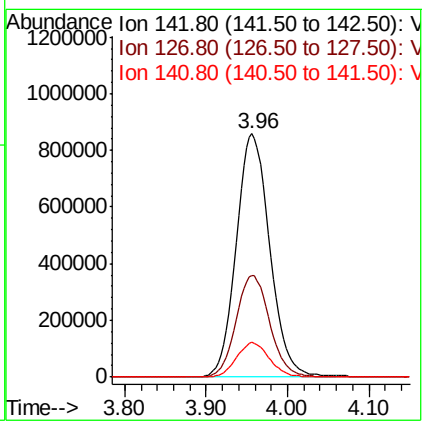


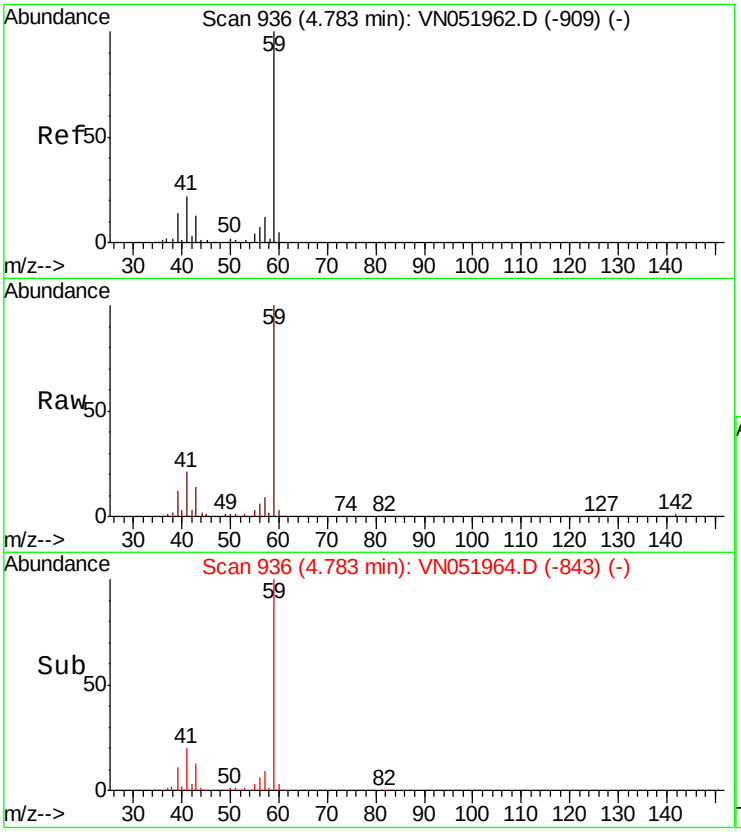




#10
Methyl Iodide
Concen: 158.952 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:142 Resp: 2435482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 34.3 | 51.5 |
| 141 | 14.1 | 11.4 | 17.0 |



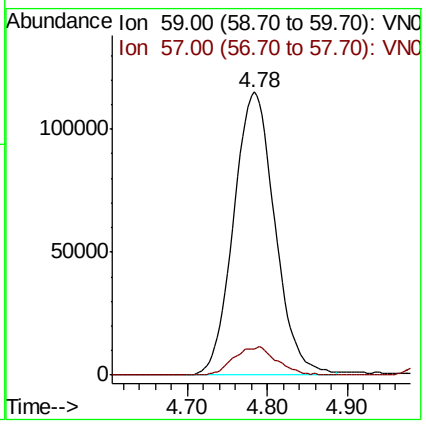


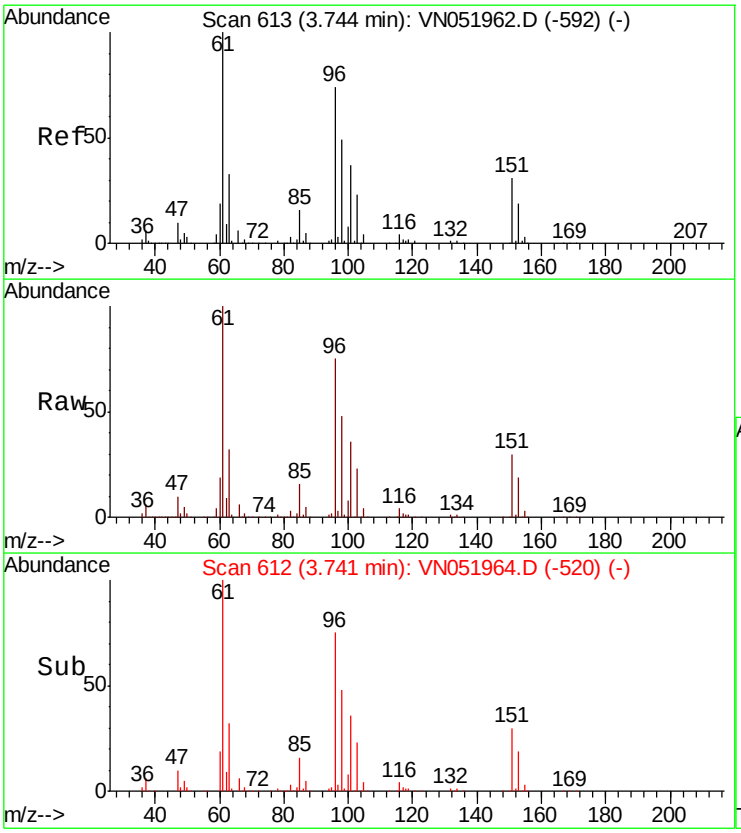

#11
Tert butyl alcohol
Concen: 687.771 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 59 Resp: 403892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.4 |

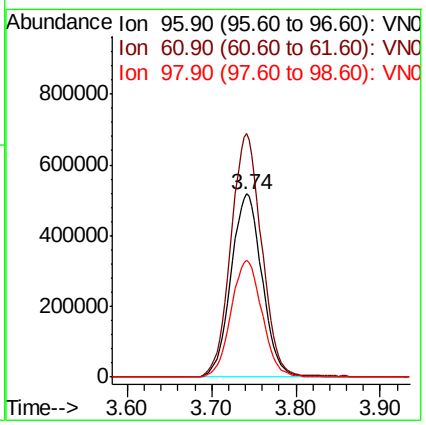


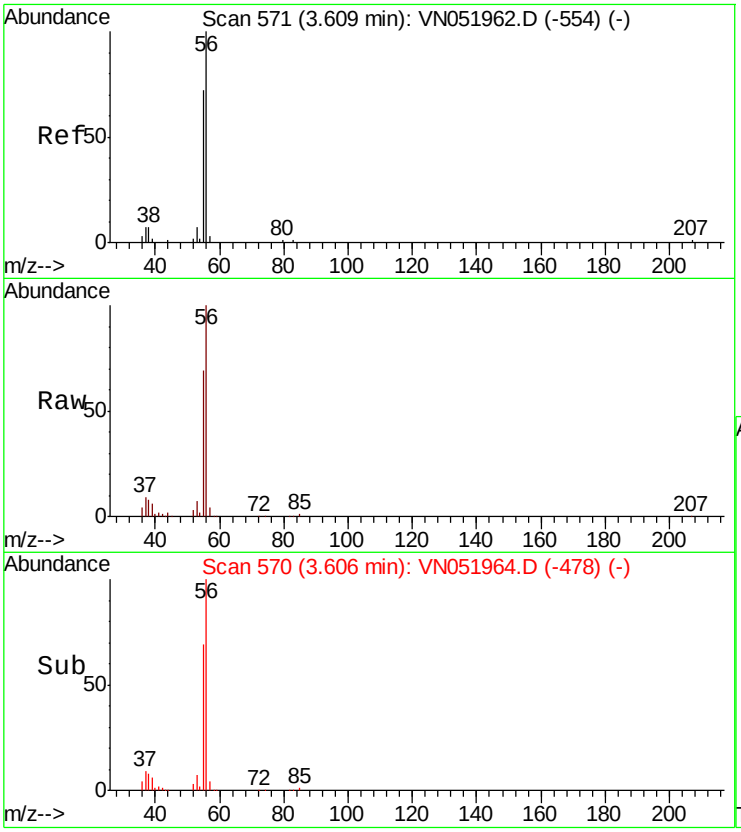




#12
1,1-Dichloroethene
Concen: 143.371 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 96 Resp: 1329690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.0 | 107.8 | 161.8 |
| 98 | 63.6 | 52.7 | 79.1 |



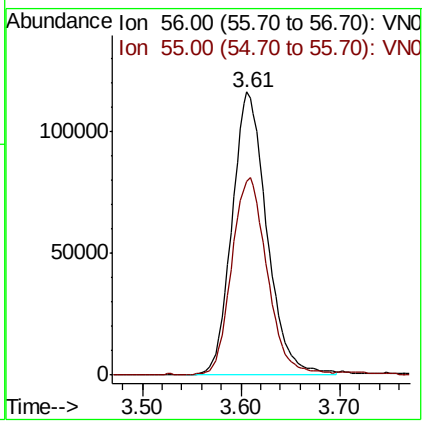


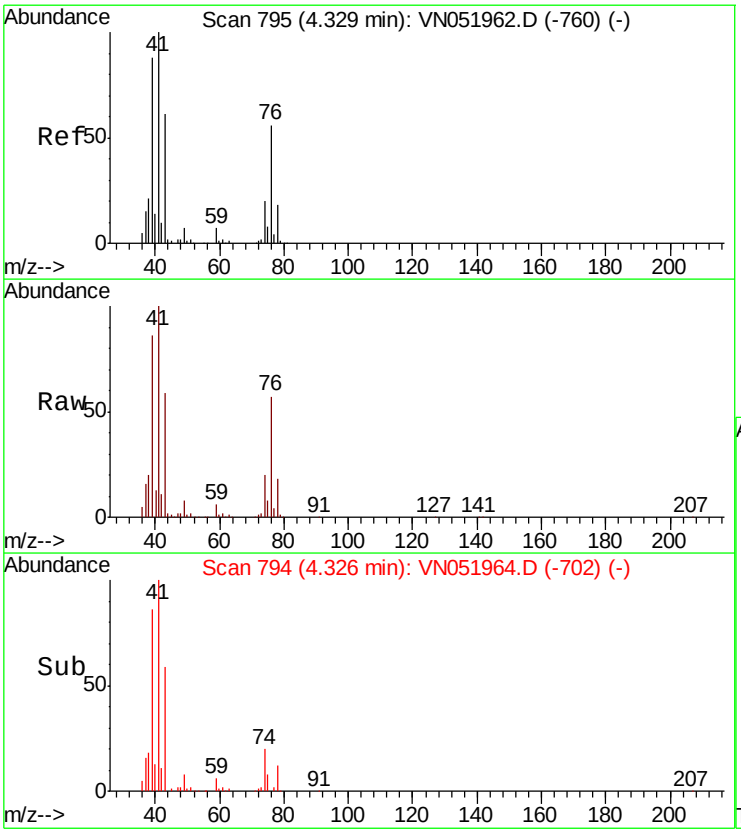

#13
Acrolein
Concen: 973.728 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 284262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.5 | 56.6 | 84.8 |

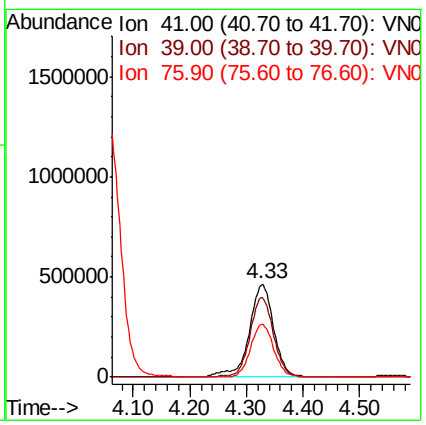


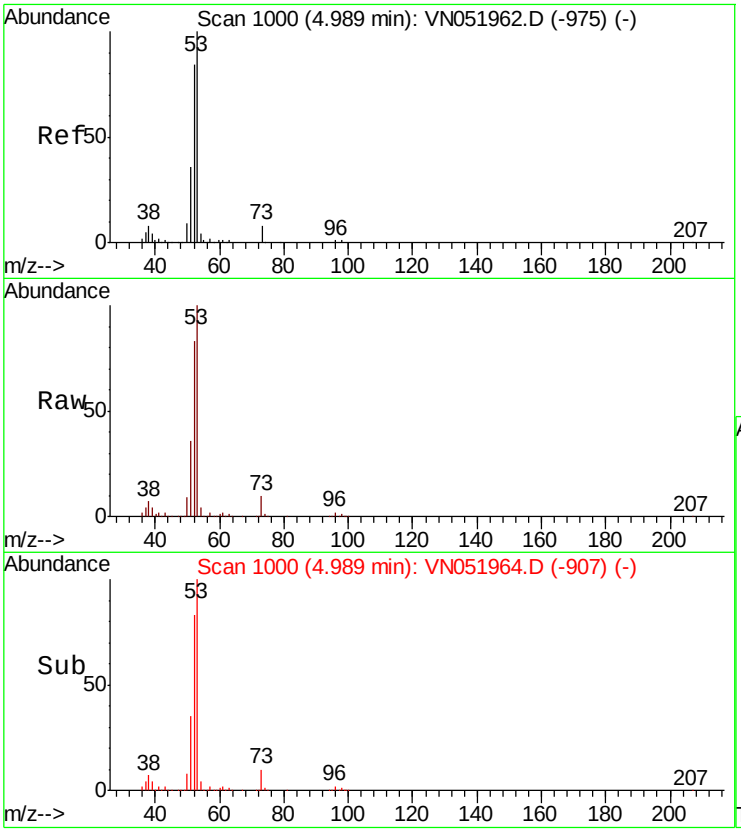




#14
Allyl chloride
Concen: 159.215 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 41 Resp: 1407068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 82.5 | 67.7 | 101.5 |
| 76 | 53.5 | 41.3 | 61.9 |



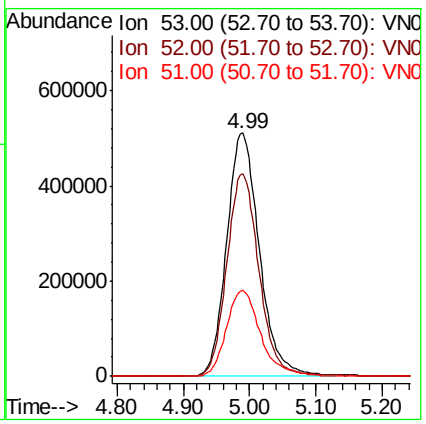


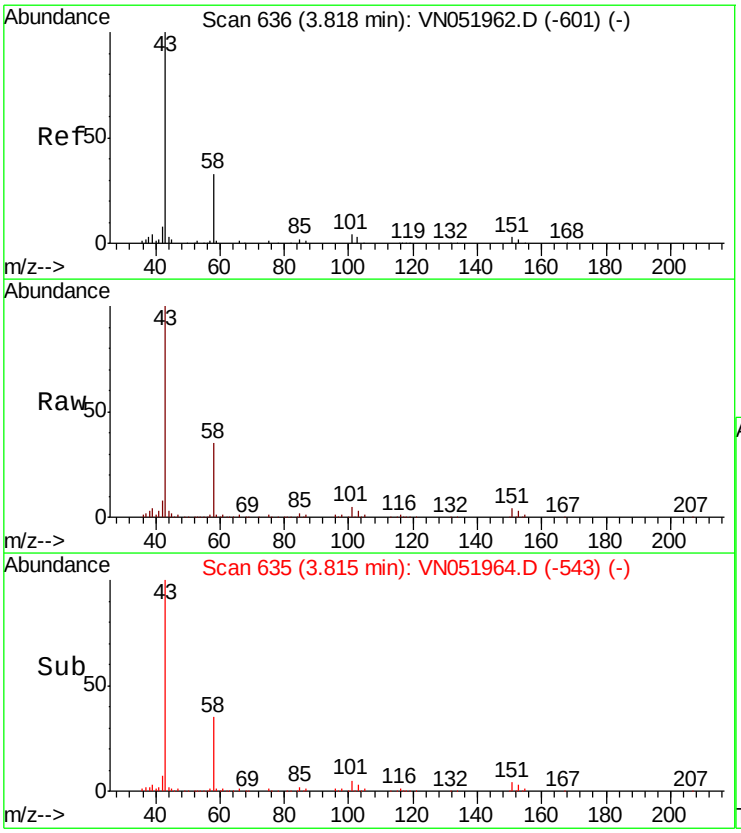

#15
Acrylonitrile
Concen: 731.486 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 53 Resp: 1754173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.9 | 67.0 | 100.4 |
| 51 | 37.0 | 29.5 | 44.3 |

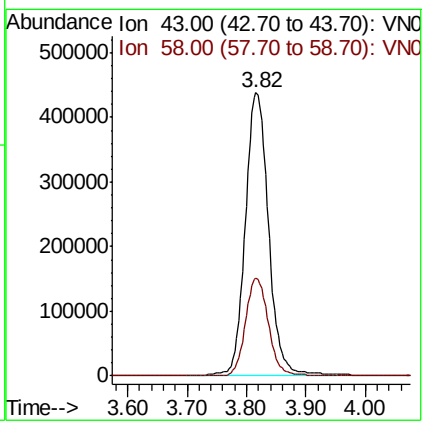


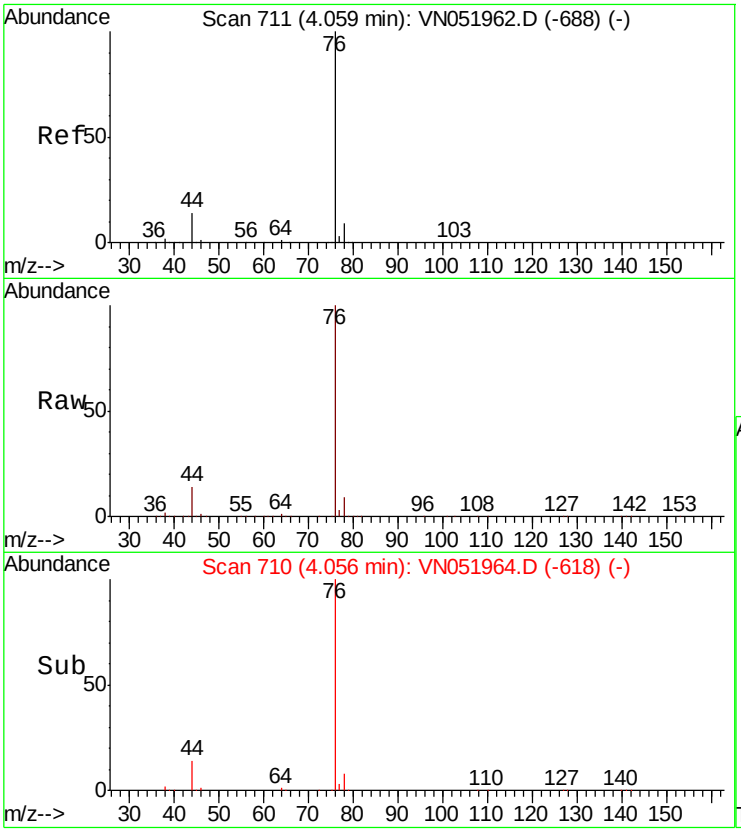




#16
Acetone
Concen: 645.553 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 43 Resp: 1199997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.5 | 26.7 | 40.1 |



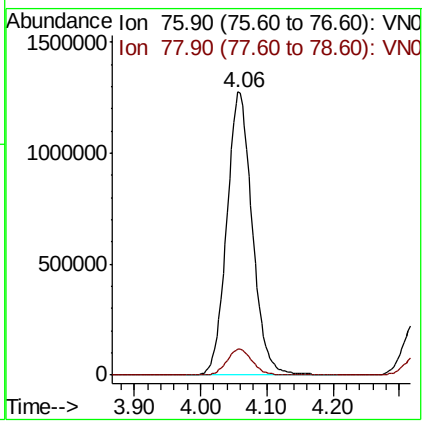


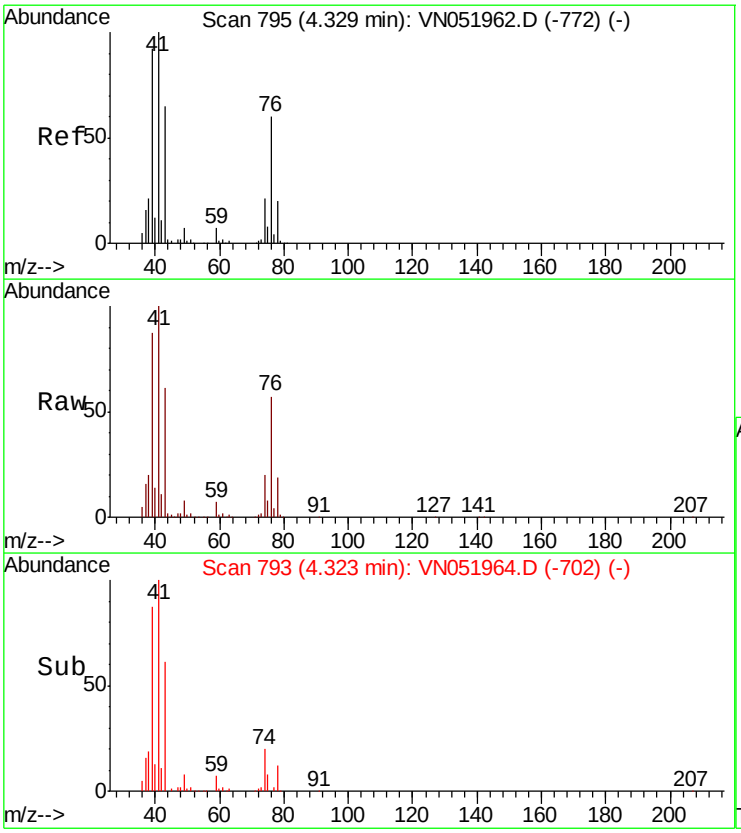

#17
Carbon Disulfide
Concen: 154.227 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 3400091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.3 | 10.9 |

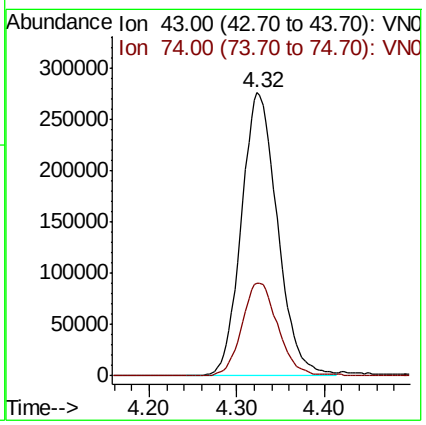


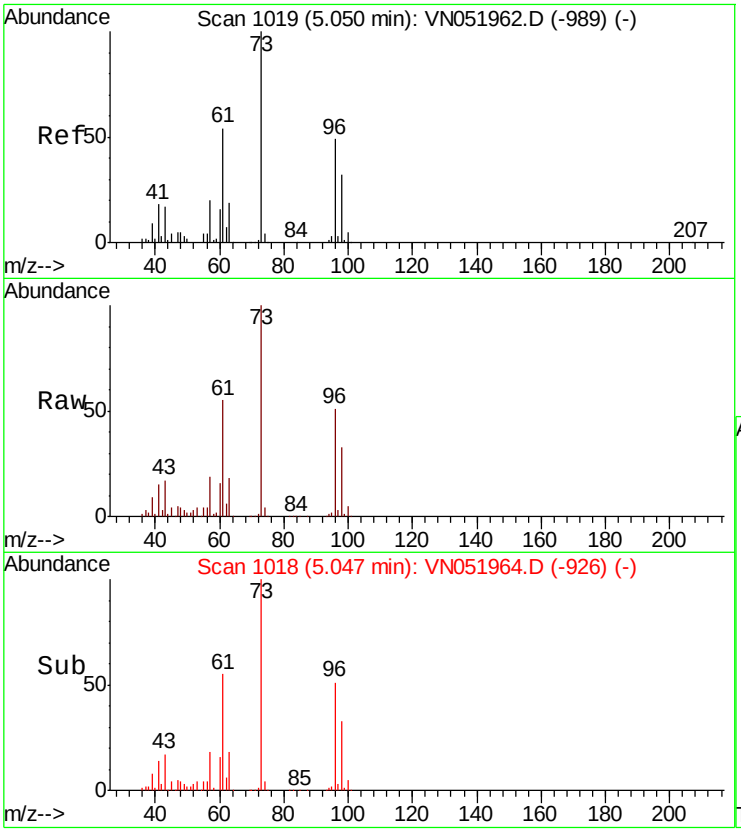




#18
Methyl Acetate
Concen: 125.670 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 43 Resp: 788201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 32.8 | 25.7 | 38.5 |



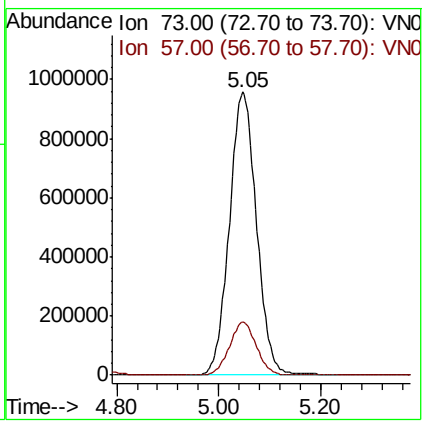


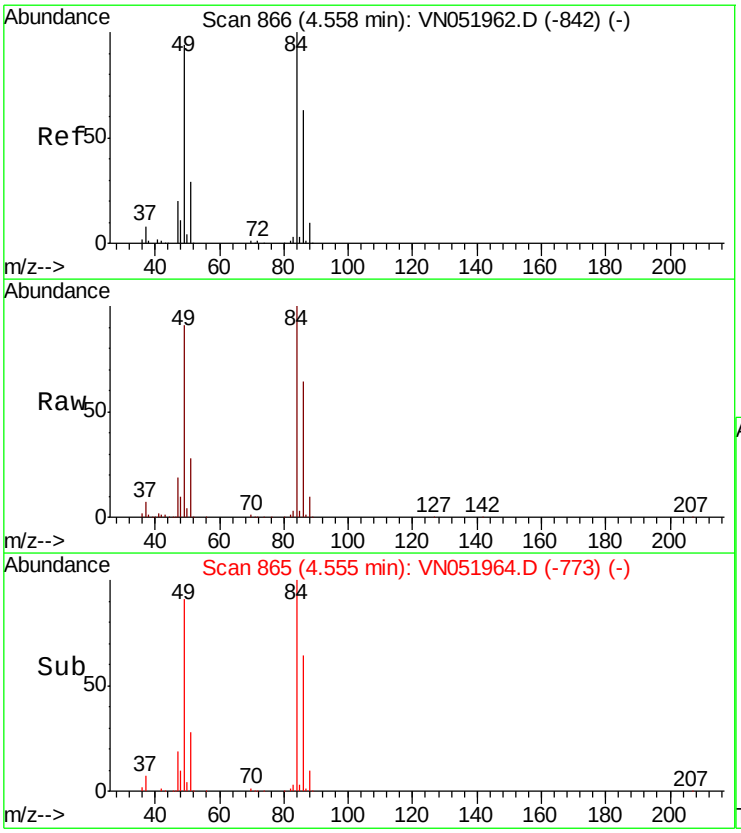

#19
Methyl tert-butyl Ether
Concen: 142.208 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 73 Resp: 3540989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.7 | 15.9 | 23.9 |

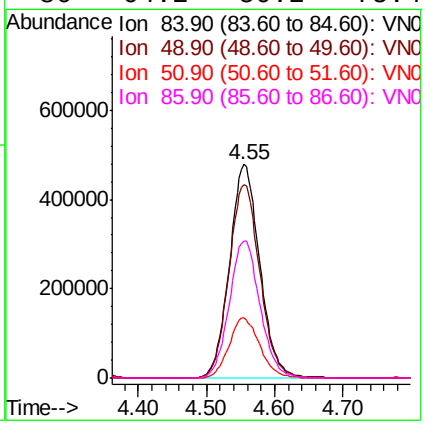


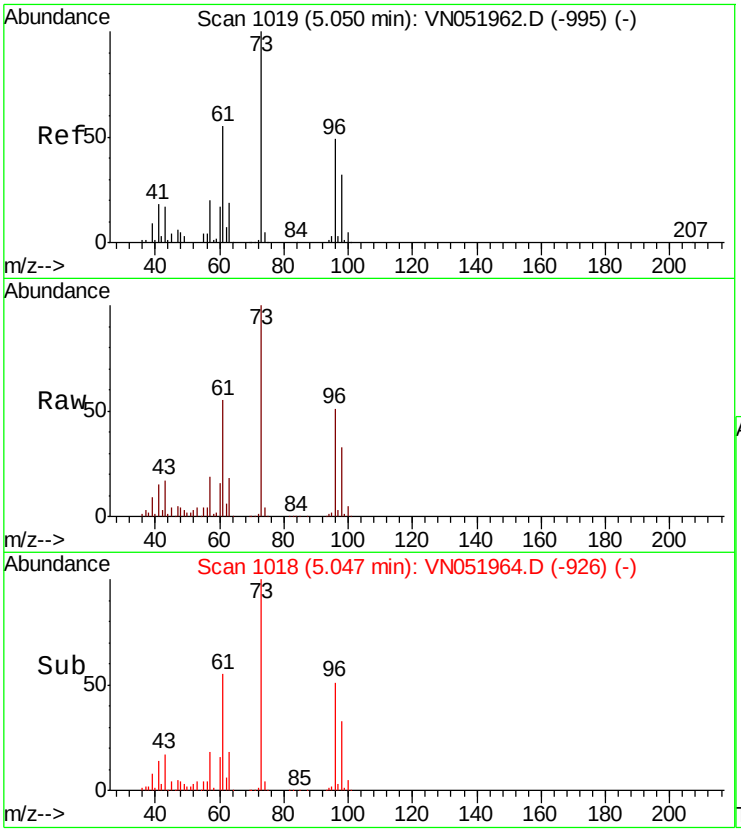




#20
Methylene Chloride
Concen: 135.212 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 84 Resp: 1474438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 90.7 | 75.4 | 113.0 |
| 51 | 28.0 | 23.1 | 34.7 |
| 86 | 64.2 | 50.2 | 75.4 |



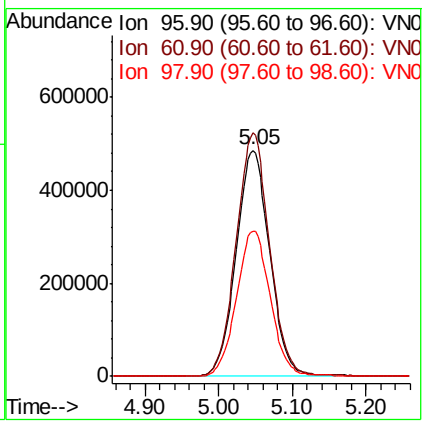


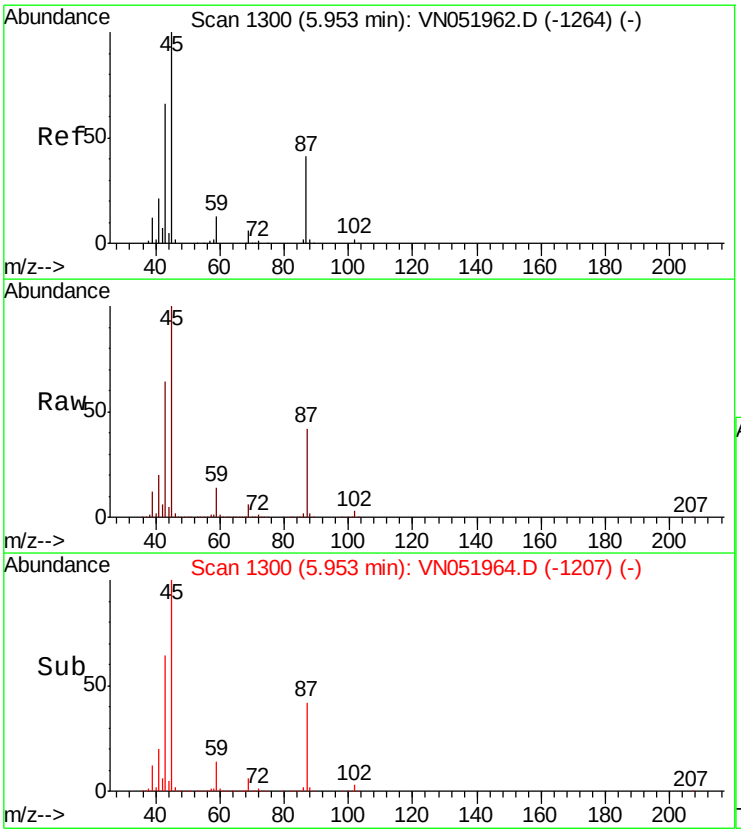

#21
trans-1,2-Dichloroethene
Concen: 147.001 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 1544029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 107.8 | 89.0 | 133.4 |
| 98 | 64.2 | 51.8 | 77.8 |

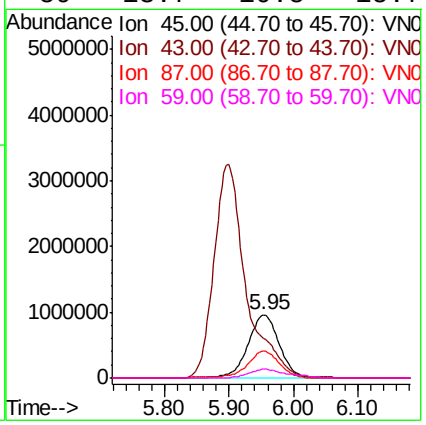


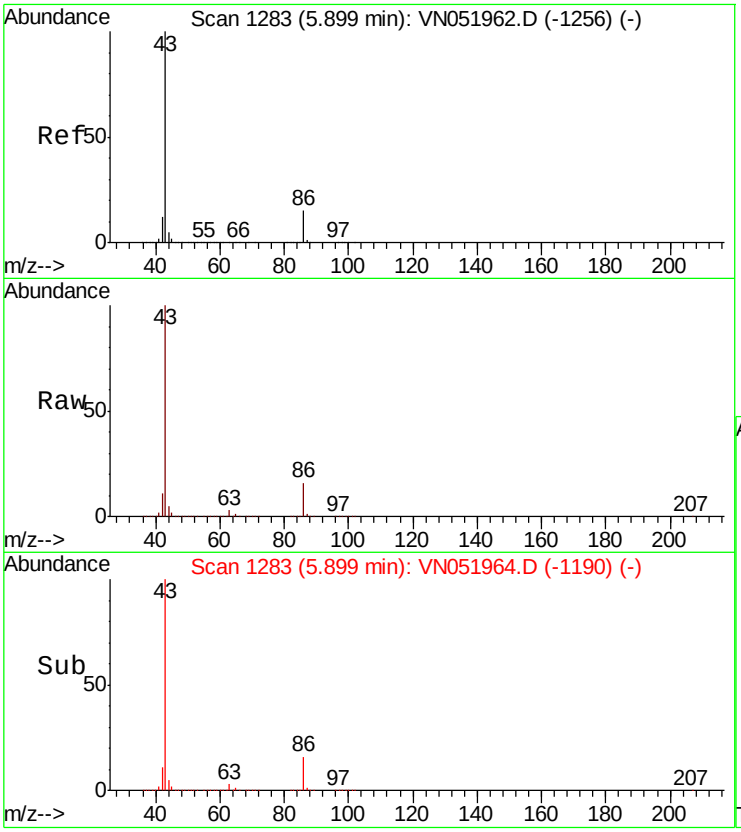




#22
Diisopropyl ether
Concen: 147.092 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 45 Resp: 3229389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.6 | 52.9 | 79.3 |
| 87 | 42.0 | 33.4 | 50.0 |
| 59 | 13.7 | 10.5 | 15.7 |



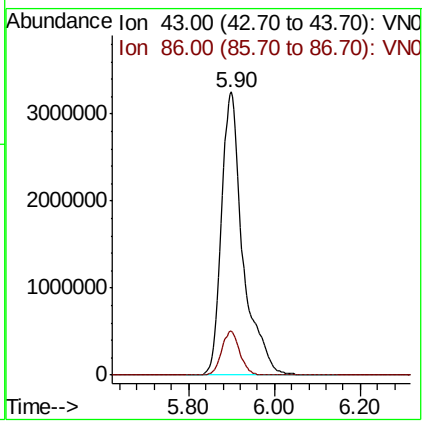


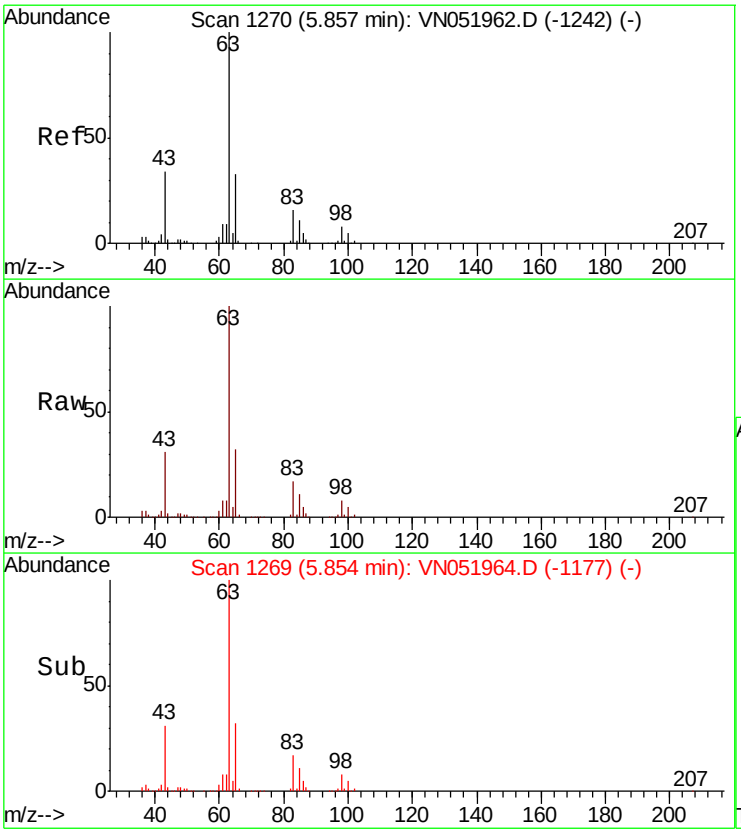

#23
Vinyl Acetate
Concen: 739.533 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp:11295654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 15.5 | 11.9 | 17.9 |

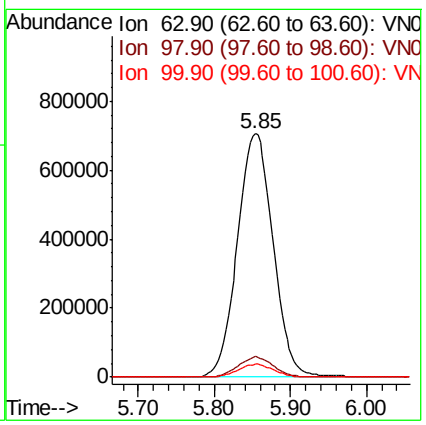


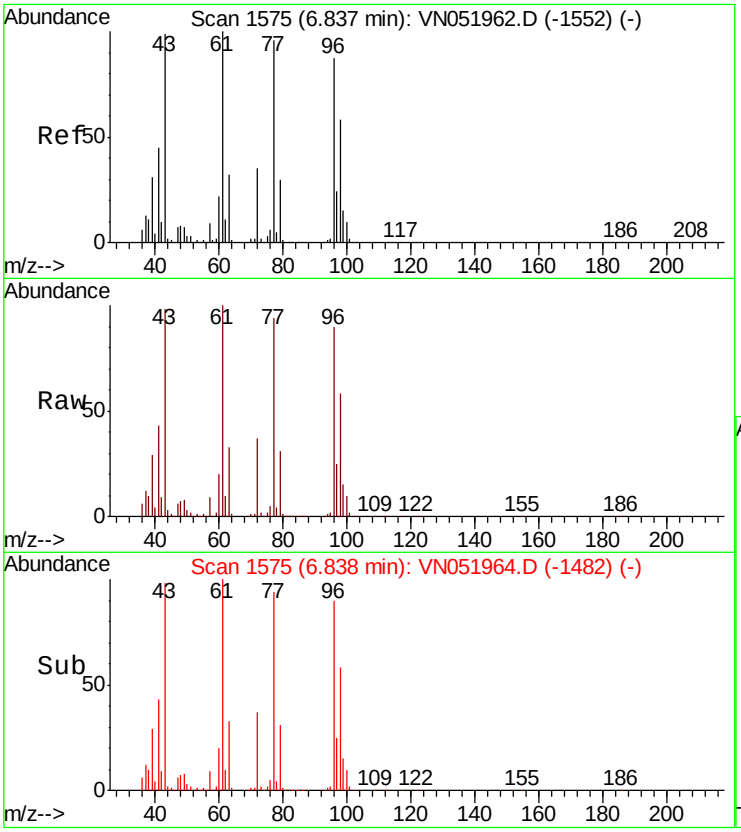




#24
1,1-Dichloroethane
Concen: 140.635 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 63 Resp: 2305378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.4 | 3.9 | 11.7 |
| 100 | 5.2 | 2.6 | 8.0 |



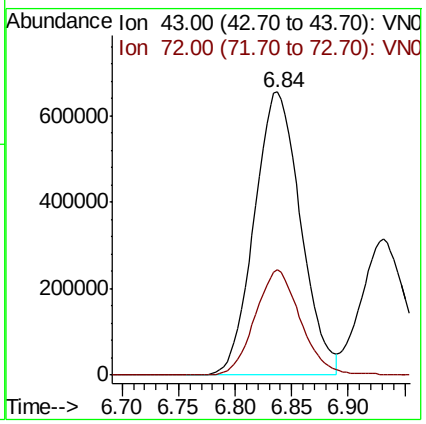


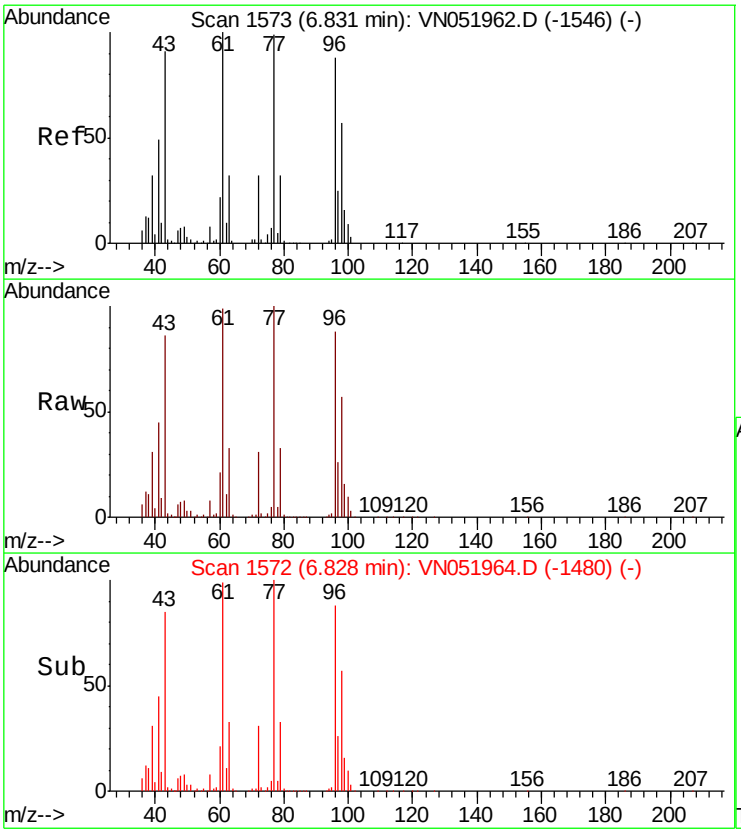

#25
2-Butanone
Concen: 702.219 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 1860879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 37.4 | 28.5 | 42.7 |

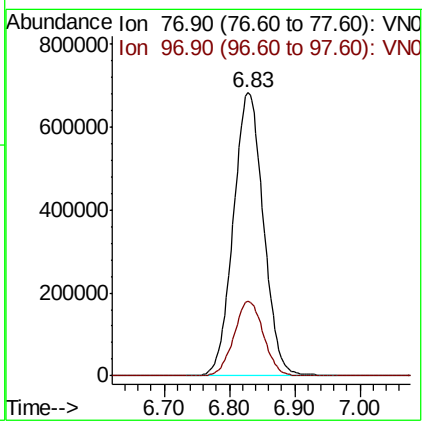


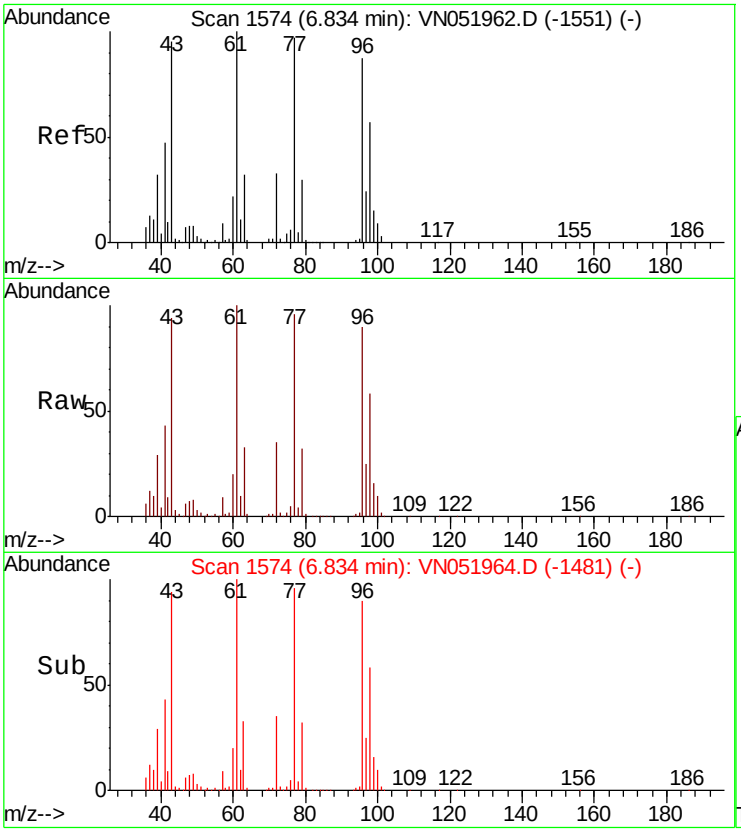




#26
2,2-Dichloropropane
Concen: 145.894 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 77 Resp: 2188110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.9 | 12.6 | 37.6 |



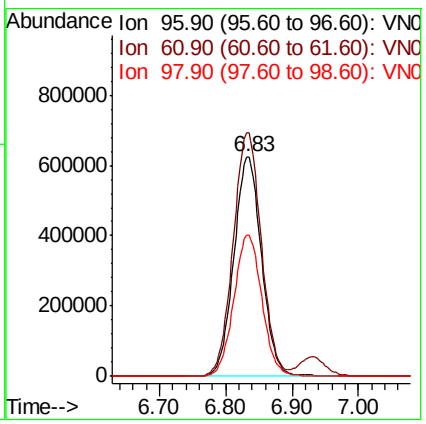


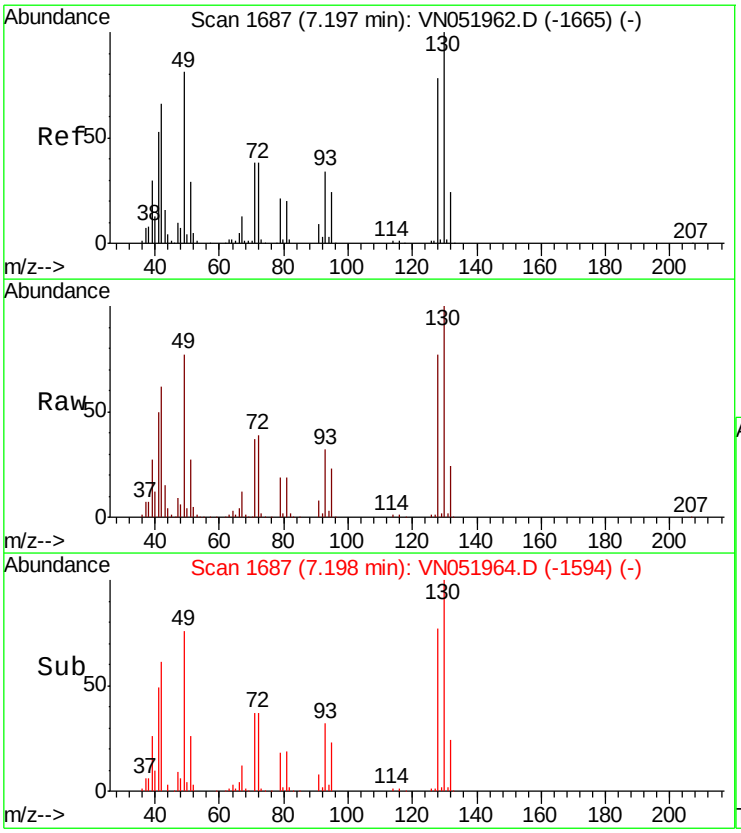

#27
cis-1,2-Dichloroethene
Concen: 148.690 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 1816409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 112.5 | 0.0 | 234.4 |
| 98 | 65.2 | 0.0 | 131.6 |

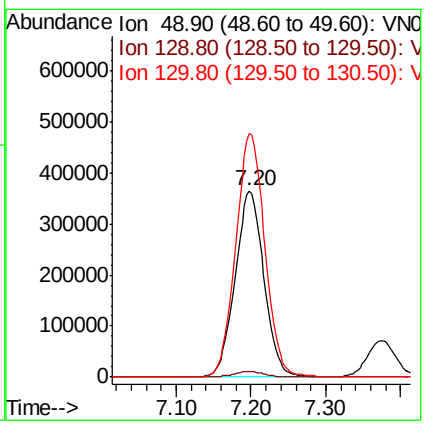


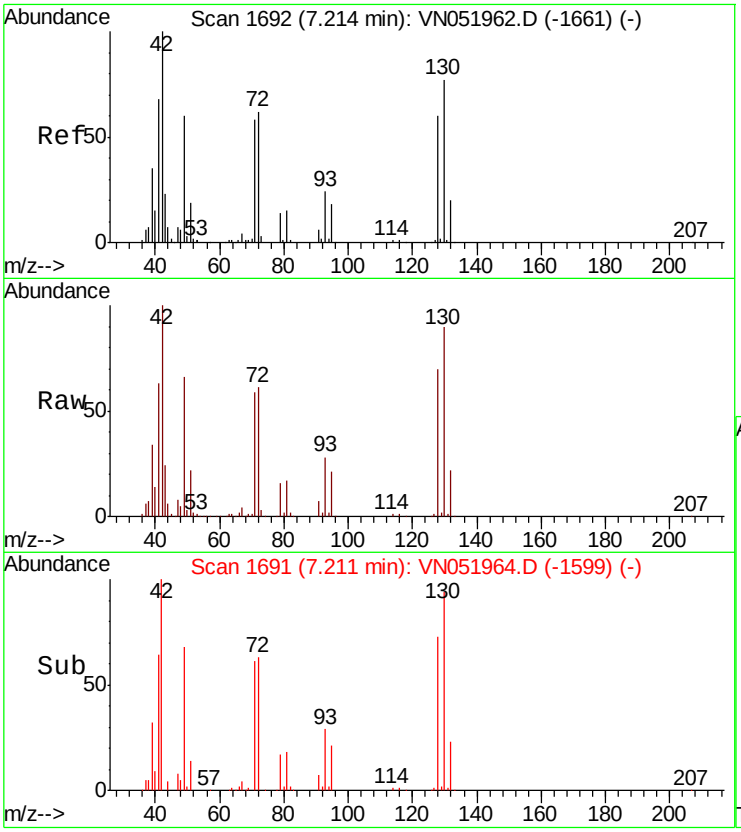




#28
Bromochloromethane
Concen: 147.637 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 49 Resp: 975404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 3.3 | 0.0 | 5.4 |
| 130 | 132.5 | 97.0 | 145.6 |



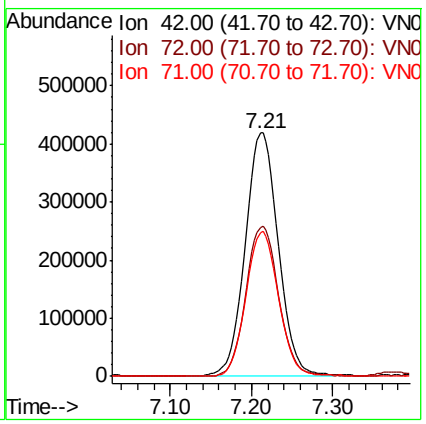


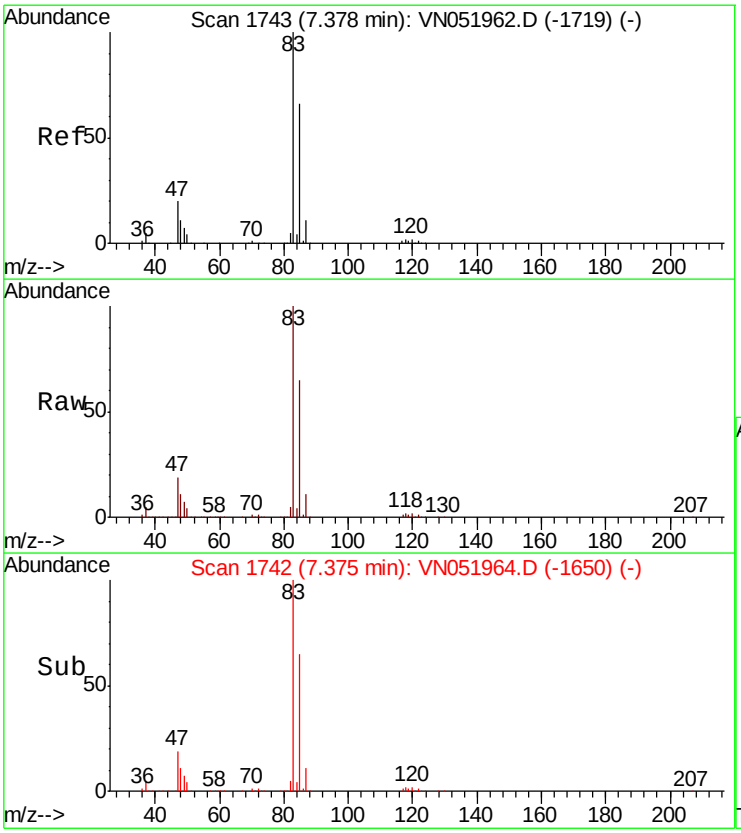

#29
Tetrahydrofuran
Concen: 652.174 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 42 Resp: 1170946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 61.3 | 47.5 | 71.3 |
| 71 | 58.6 | 45.4 | 68.2 |

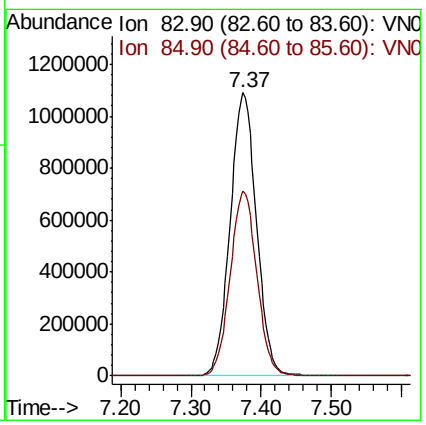


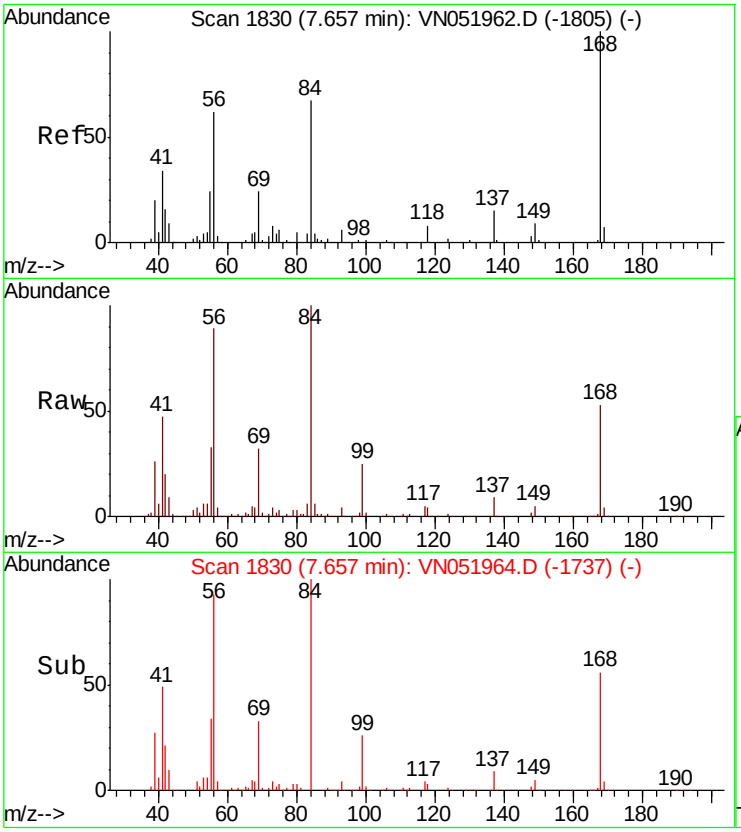




#30
Chloroform
Concen: 142.326 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 83 Resp: 2848825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 52.8 | 79.2 |



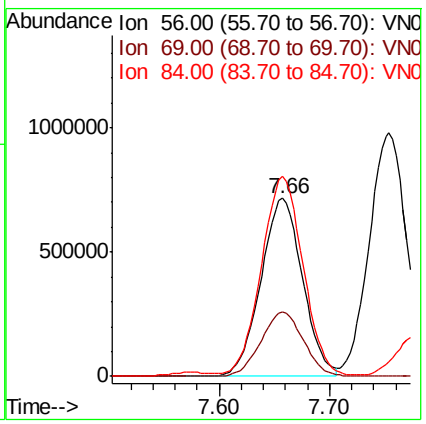


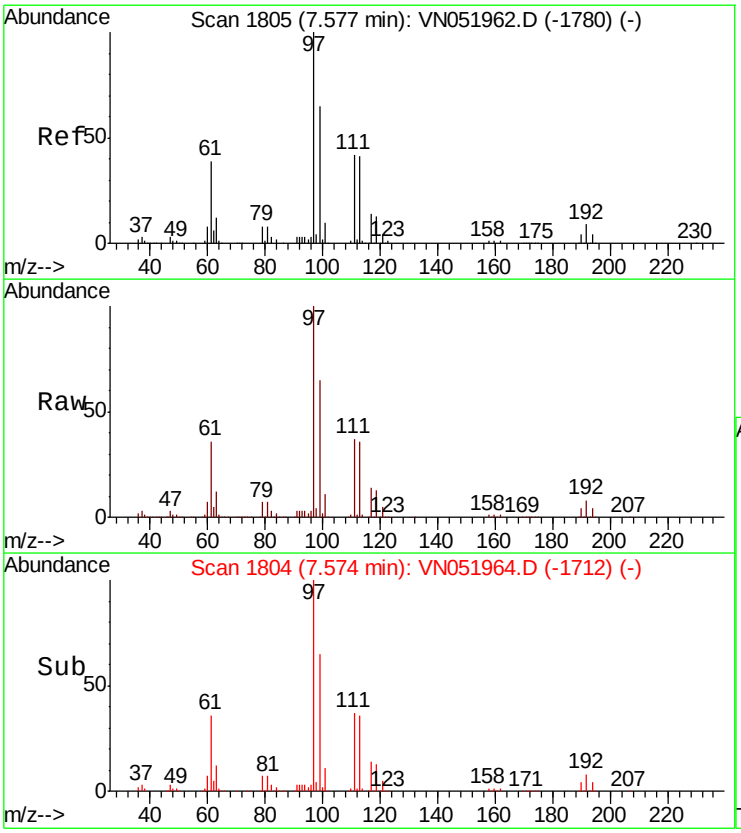

#31
Cyclohexane
Concen: 106.351 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 1878000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 35.8 | 31.2 | 46.8 |
| 84 | 109.8 | 86.3 | 129.5 |

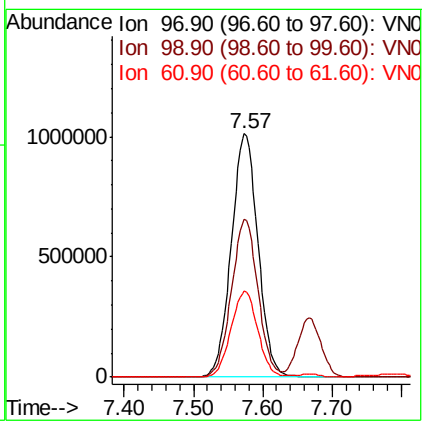


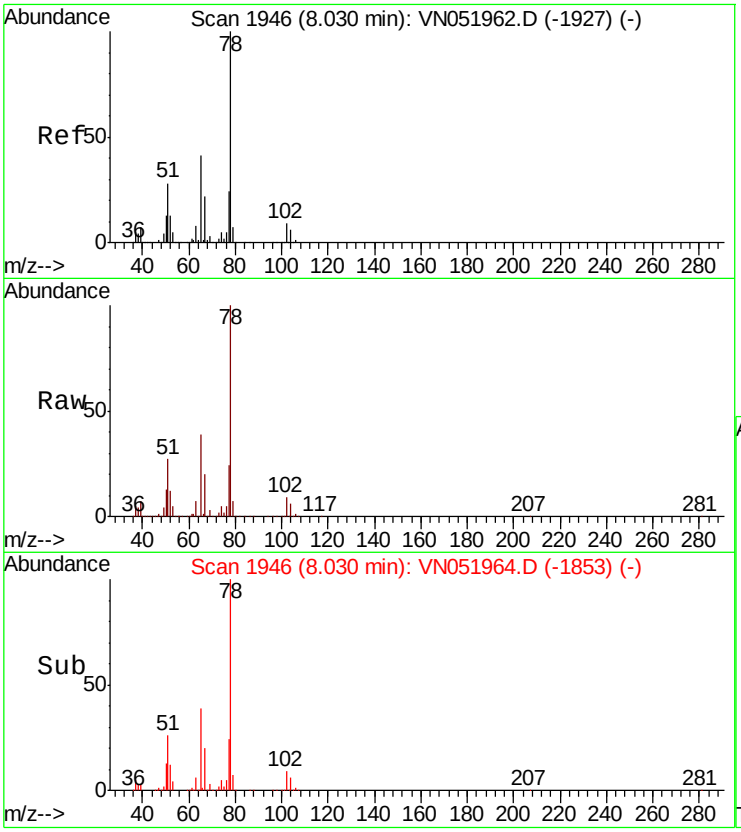




#32
1,1,1-Trichloroethane
Concen: 148.567 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 97 Resp: 2719283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.5 | 77.3 |
| 61 | 35.5 | 30.1 | 45.1 |



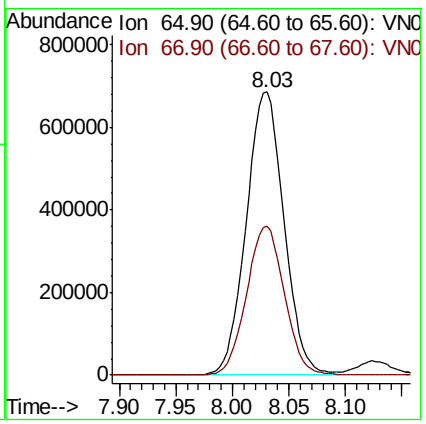


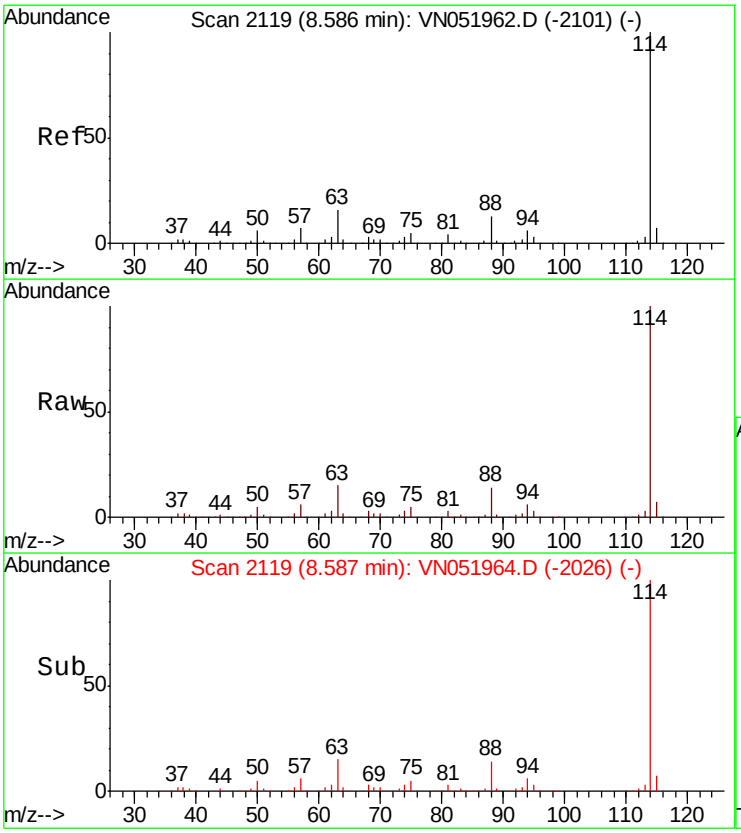

#33
1,2-Dichloroethane-d4
Concen: 148.567 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 65 Resp: 1593509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 0.0 | 105.8 |

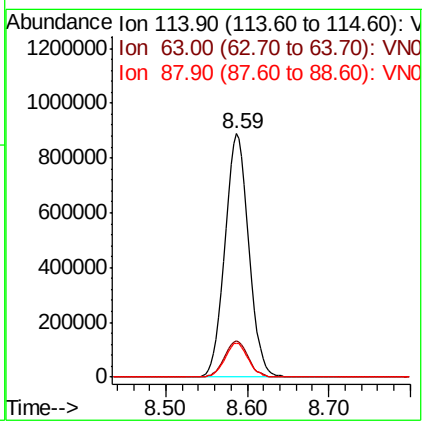


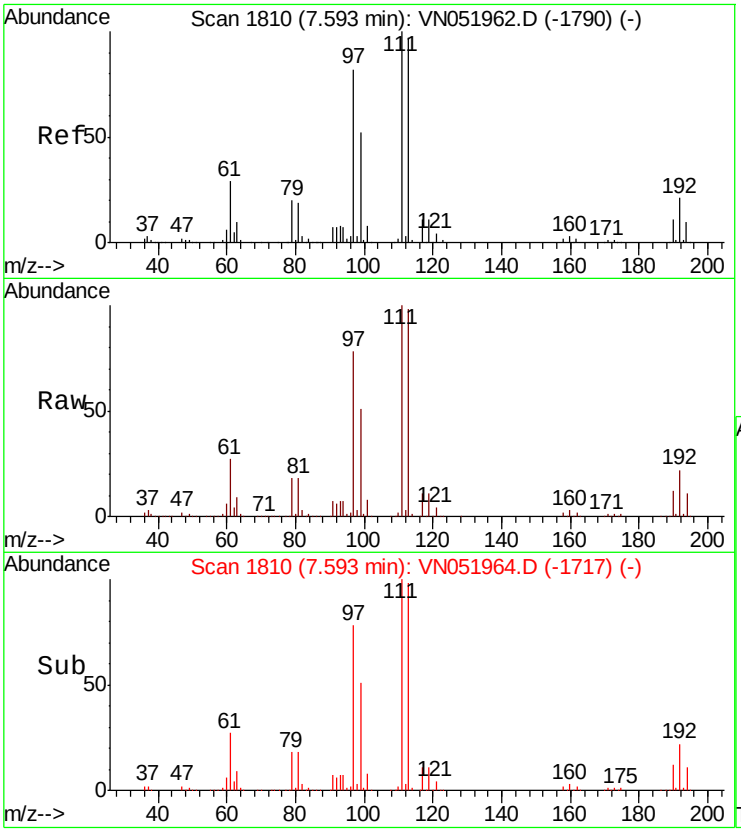




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:114 Resp: 1830336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 14.7 | 0.0 | 31.2 |
| 88 | 14.1 | 0.0 | 27.0 |



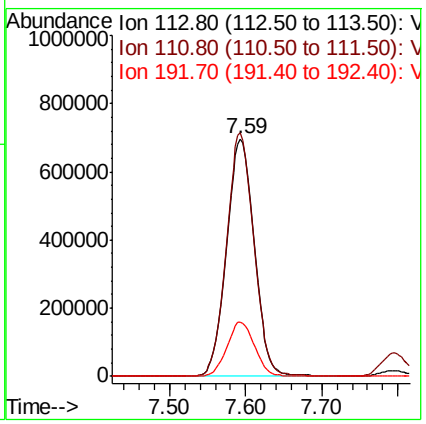


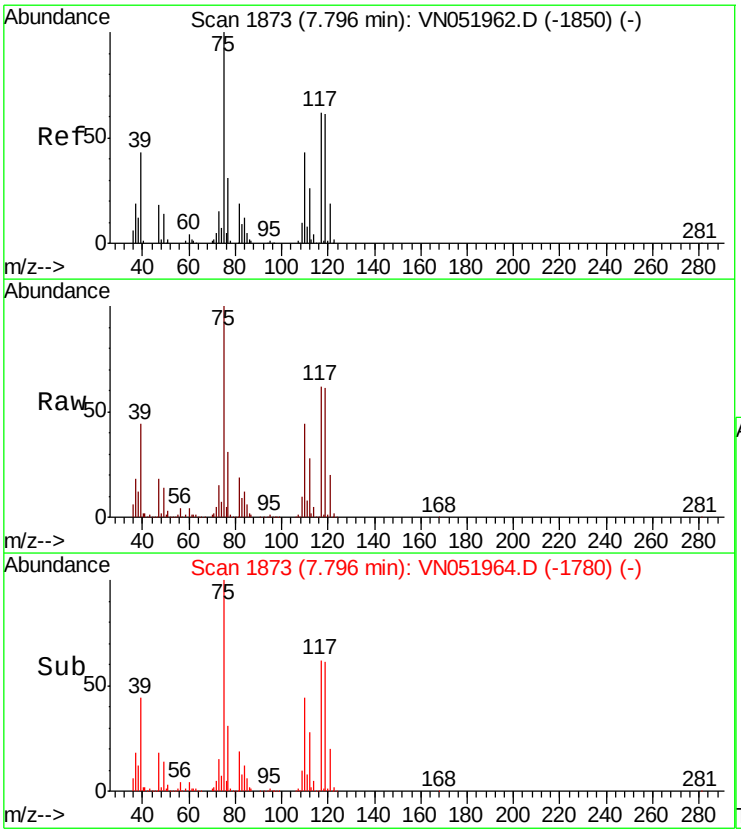

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:113 Resp: 1765422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.2 | 80.7 | 121.1 |
| 192 | 22.9 | 17.2 | 25.8 |

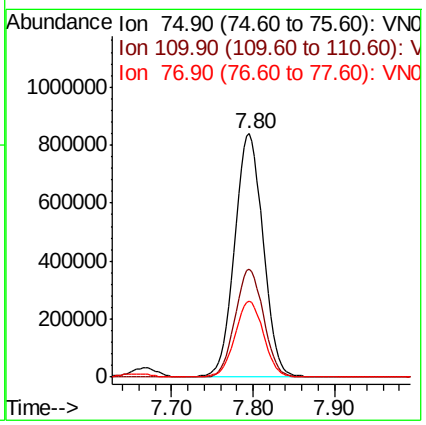


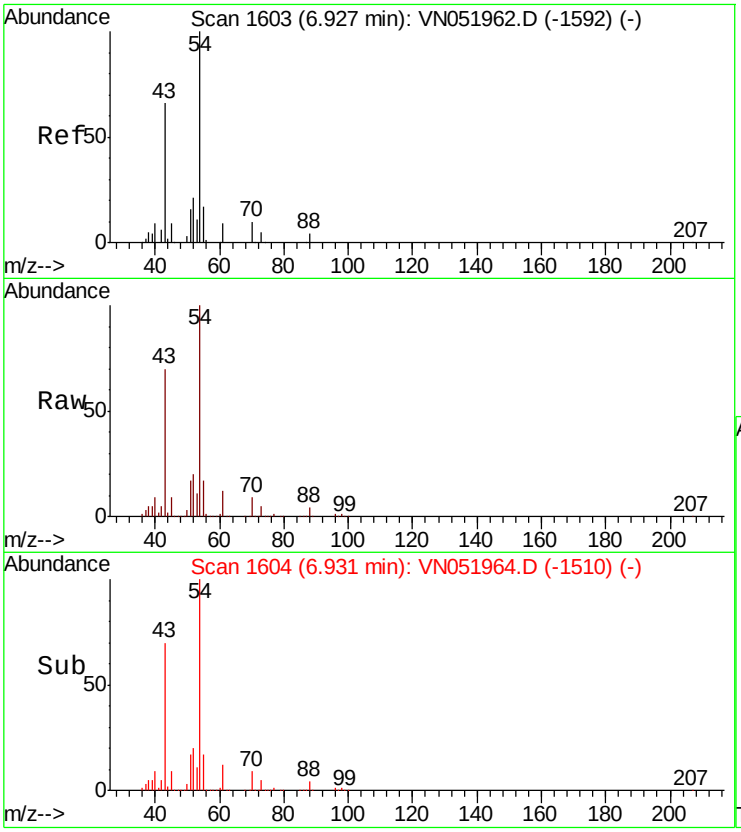




#36
1,1-Dichloropropene
Concen: 144.366 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 75 Resp: 2026945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 44.2 | 20.9 | 62.8 |
| 77 | 31.5 | 24.9 | 37.3 |



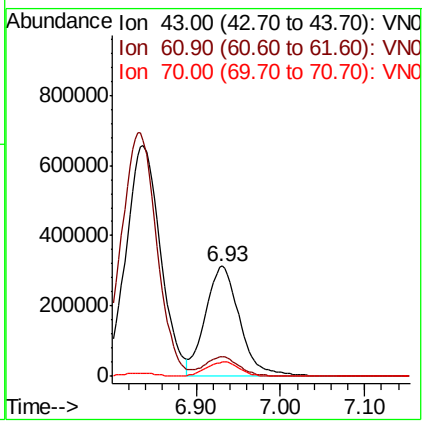


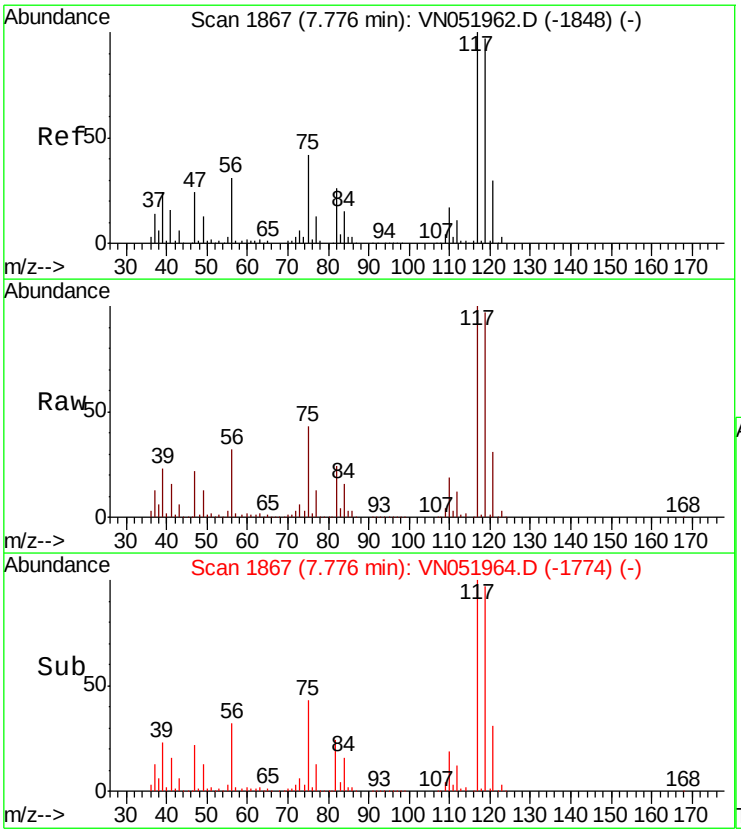

#37
Ethyl Acetate
Concen: 143.038 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 880823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.3 | 13.5 | 20.3 |
| 70 | 13.0 | 9.8 | 14.6 |

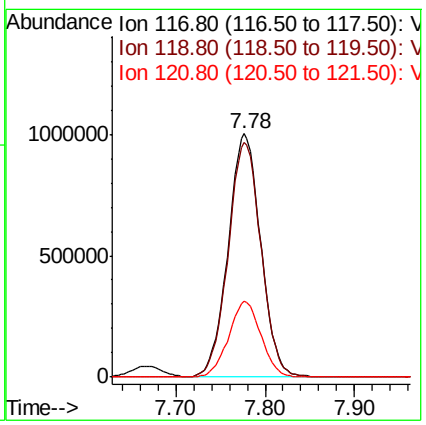


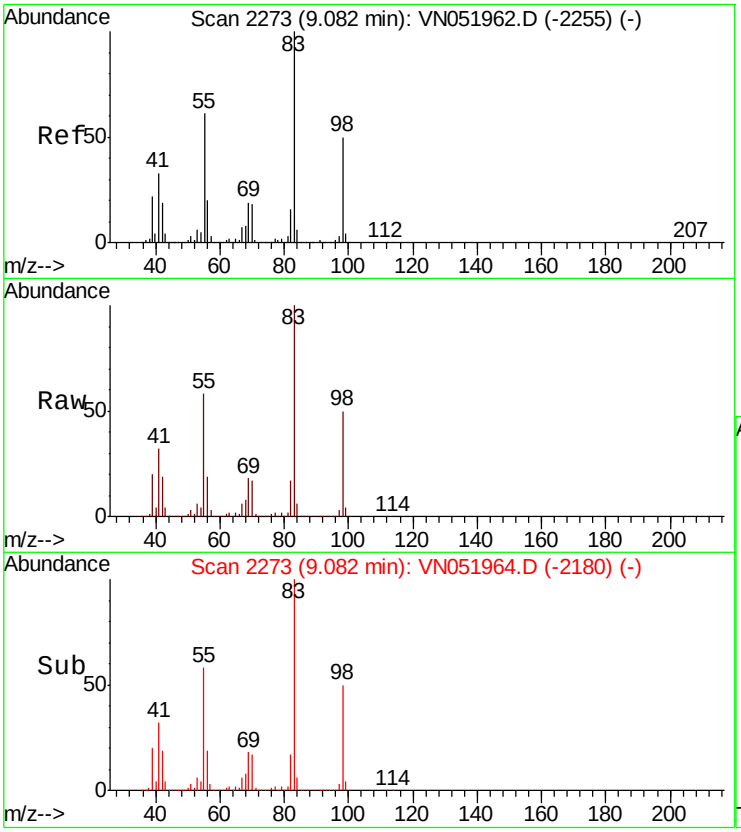




#38
Carbon Tetrachloride
Concen: 157.088 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:117 Resp: 2532023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.4 | 116.0 |
| 121 | 31.3 | 24.2 | 36.4 |



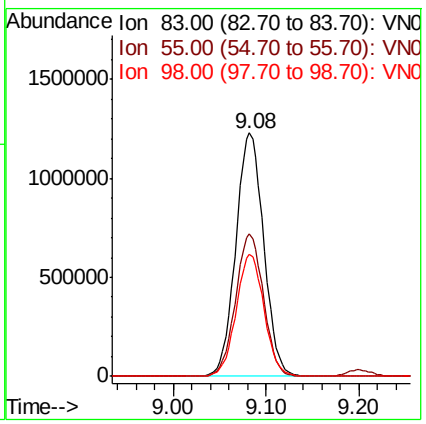


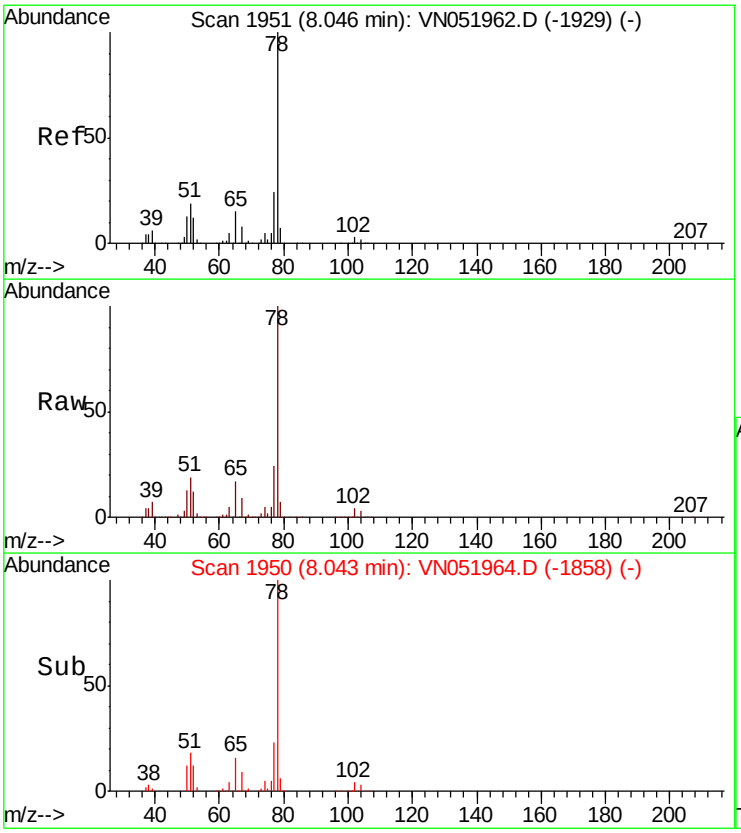

#39
Methylcyclohexane
Concen: 149.328 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 2560769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 58.4 | 48.9 | 73.3 |
| 98 | 50.3 | 40.2 | 60.2 |

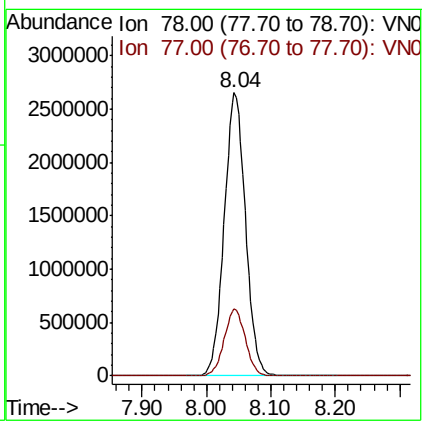


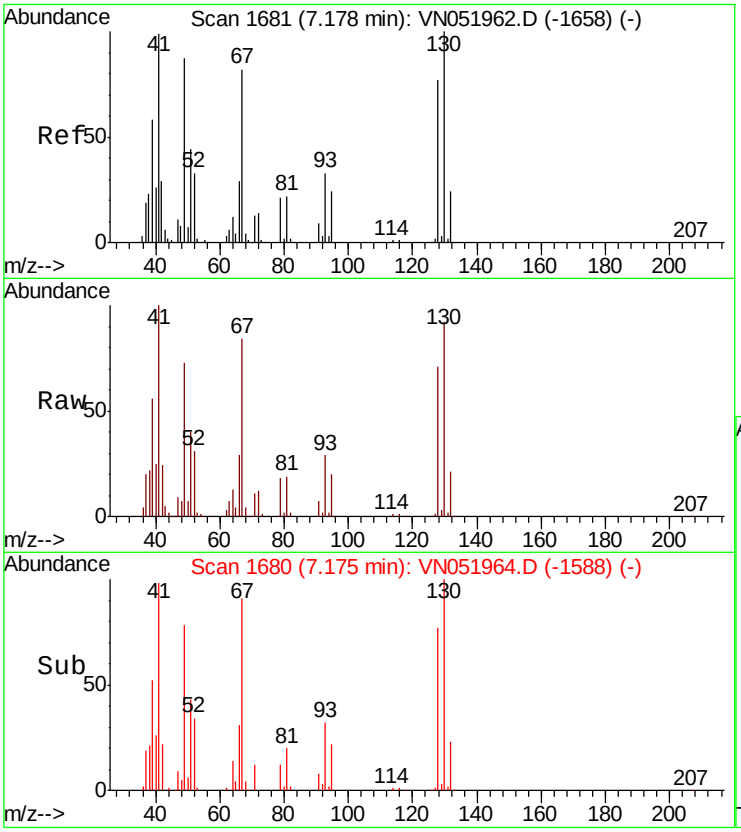




#40
Benzene
Concen: 145.907 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 78 Resp: 6082459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.4 | 29.0 |



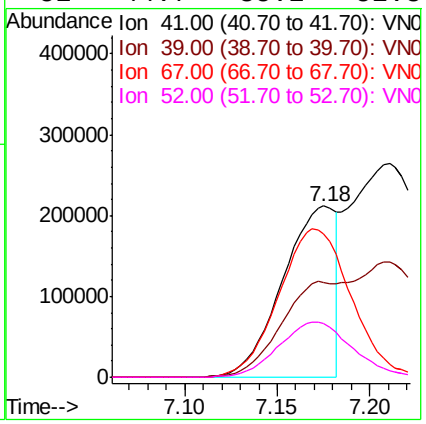


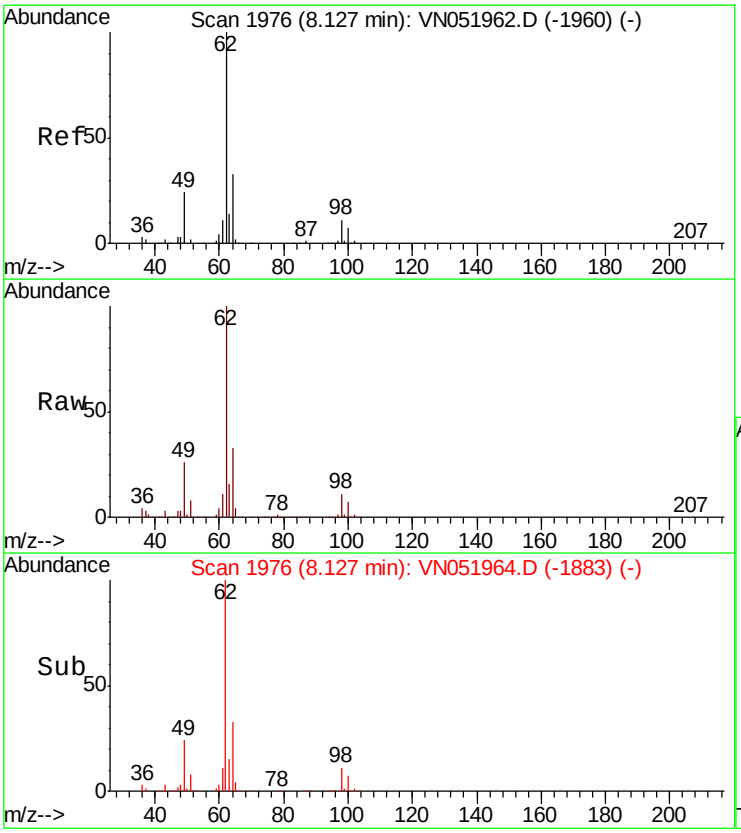

#41
Methacrylonitrile
Concen: 133.726 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 41 Resp: 421907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.5 | 53.1 | 79.7# |
| 67 | 119.6 | 93.8 | 140.6 |
| 52 | 44.7 | 35.2 | 52.8 |

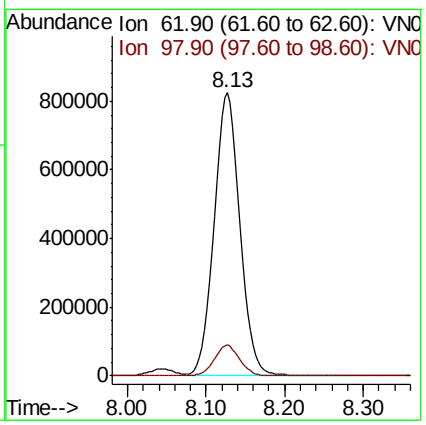


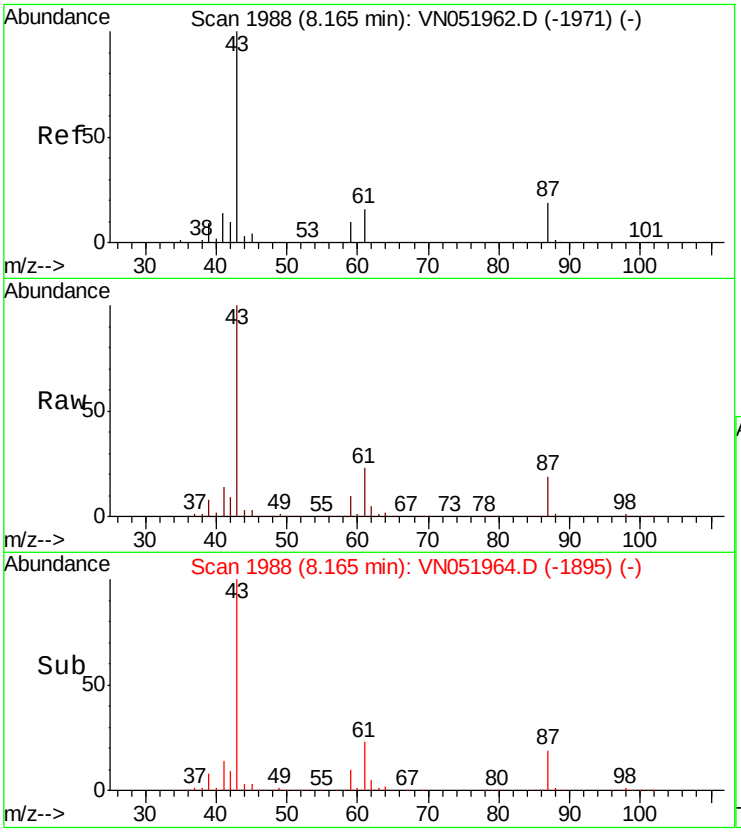




#42
1,2-Dichloroethane
Concen: 138.497 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 62 Resp: 1851174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.7 | 0.0 | 20.6 |



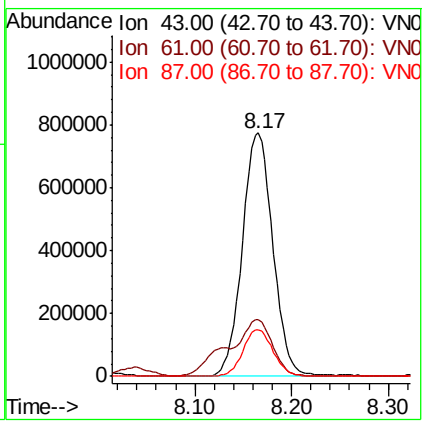


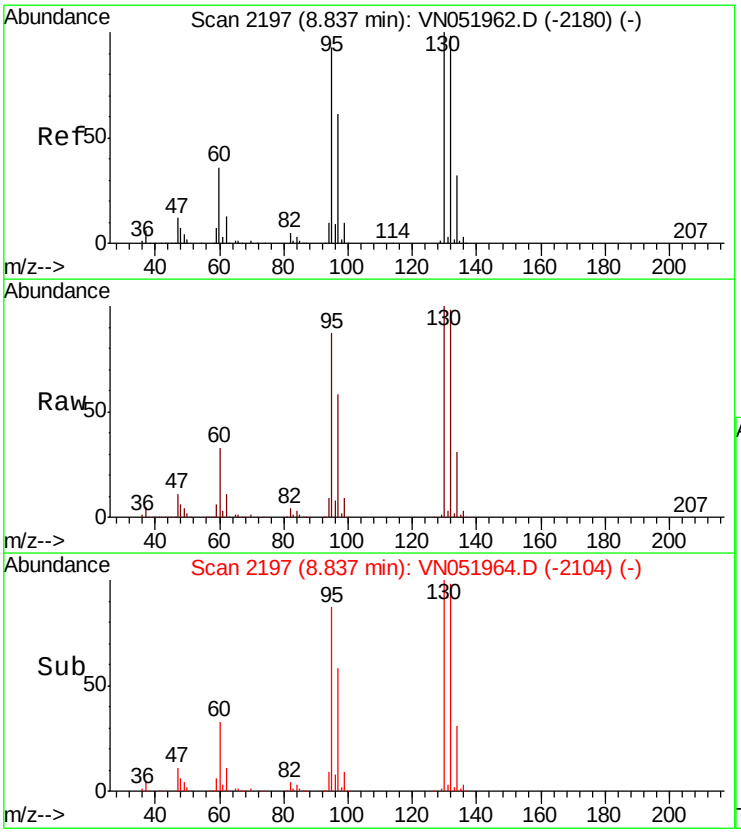

#43
Isopropyl Acetate
Concen: 144.128 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 1694721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 23.3 | 17.2 | 25.8 |
| 87 | 19.0 | 15.2 | 22.8 |

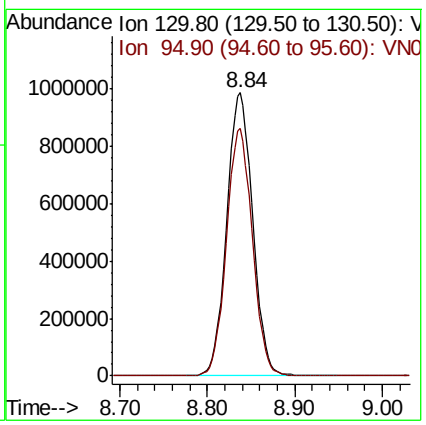


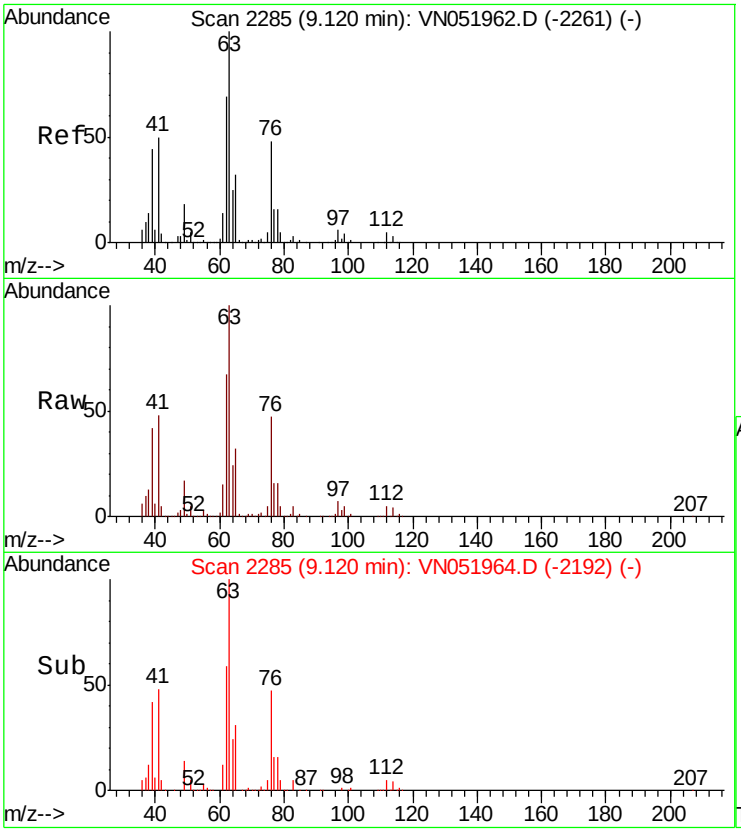




#44
Trichloroethene
Concen: 151.536 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:130 Resp: 2027659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 87.5 | 0.0 | 185.2 |



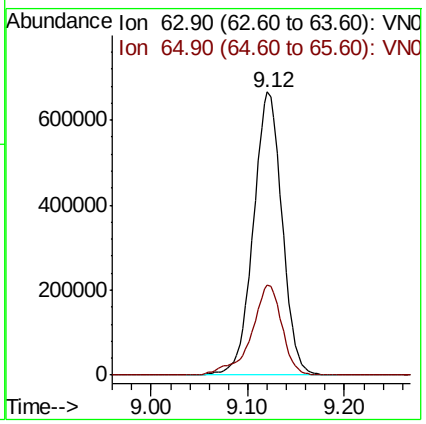


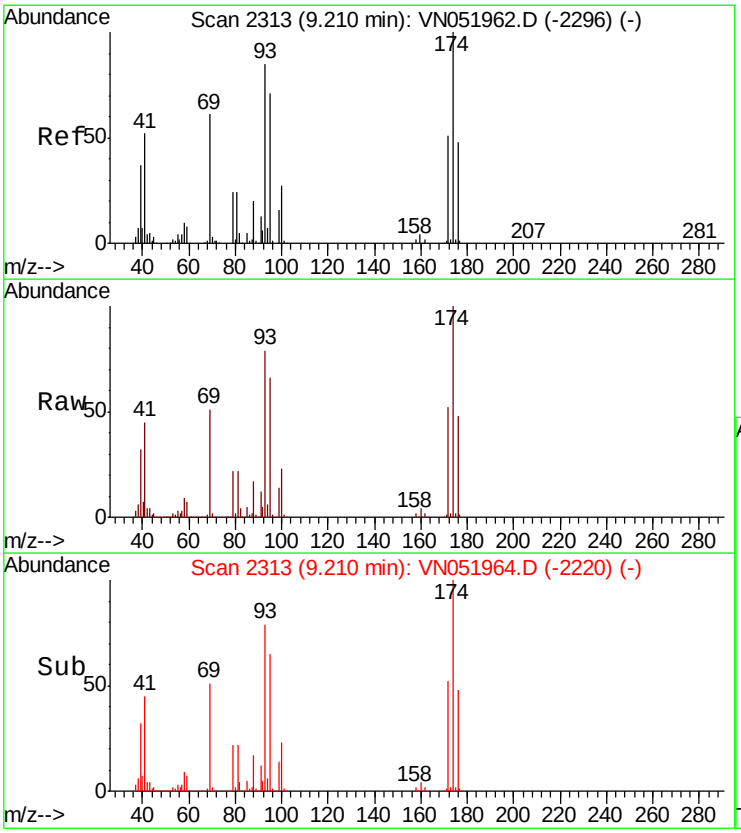

#45
1,2-Dichloropropane
Concen: 145.486 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 63 Resp: 1371969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.7 | 25.8 | 38.6 |

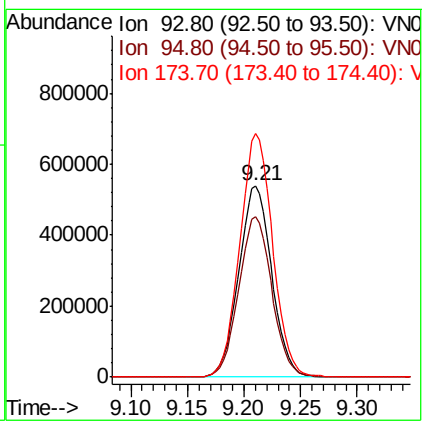


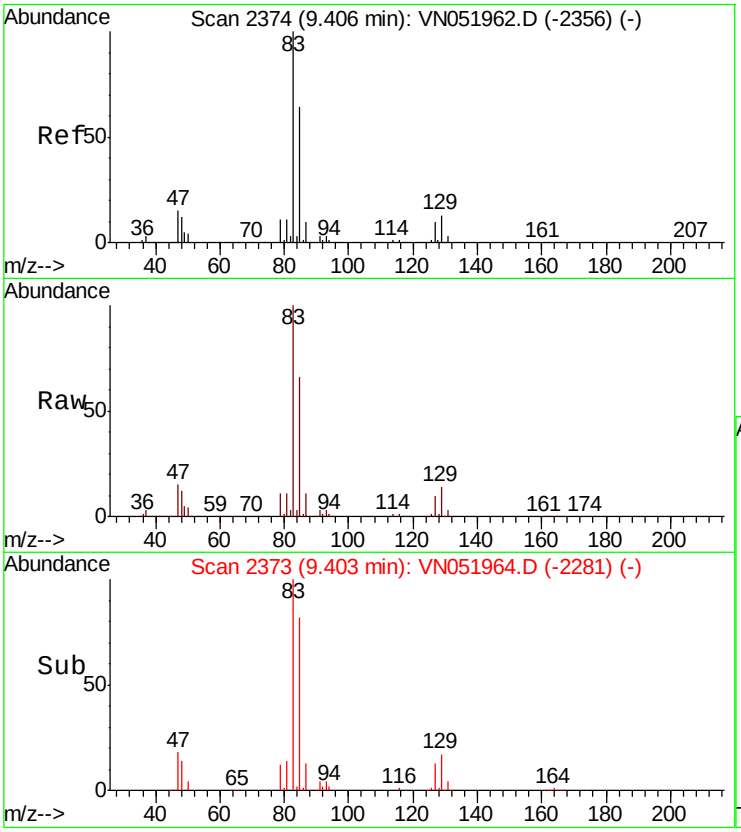




#46
Dibromomethane
Concen: 143.957 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 93 Resp: 1094333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.1 | 66.7 | 100.1 |
| 174 | 127.2 | 93.8 | 140.6 |



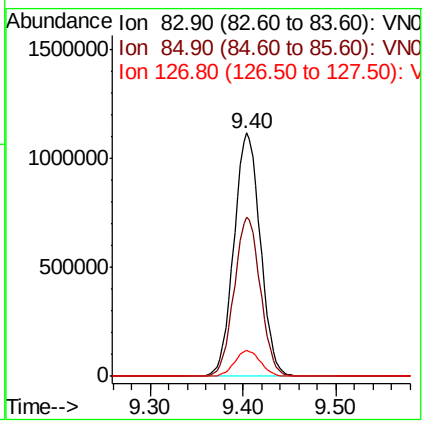


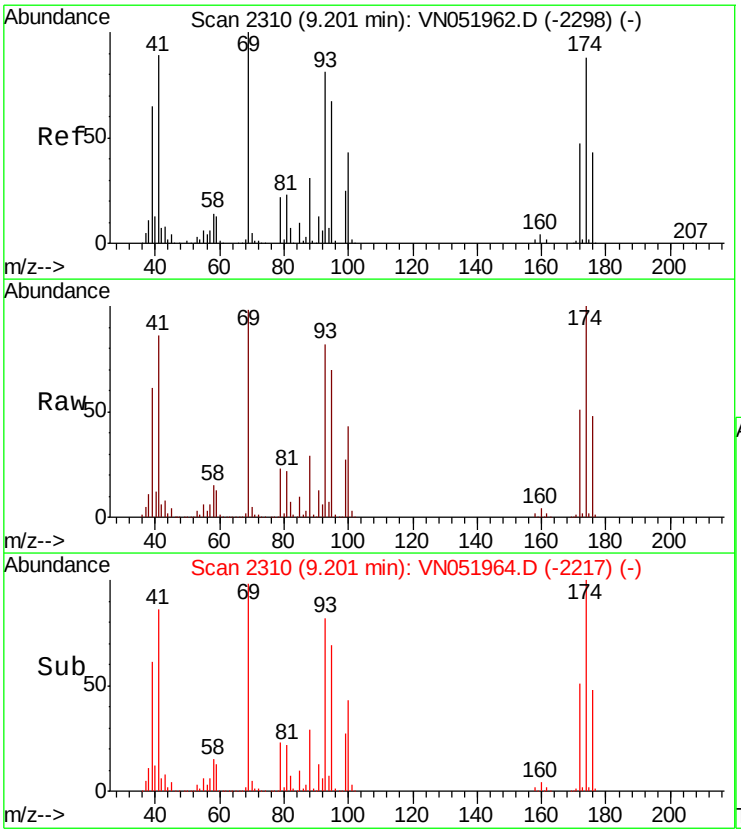

#47
Bromodichloromethane
Concen: 153.677 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 83 Resp: 2206295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.6 | 51.0 | 76.4 |
| 127 | 10.5 | 7.8 | 11.8 |

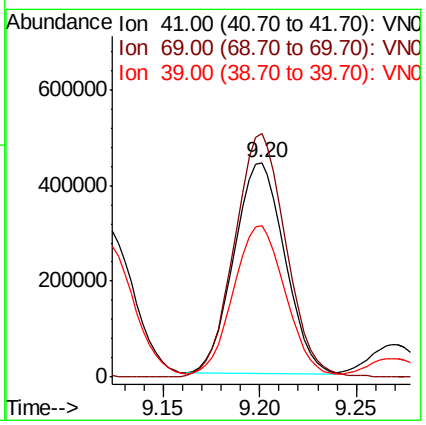


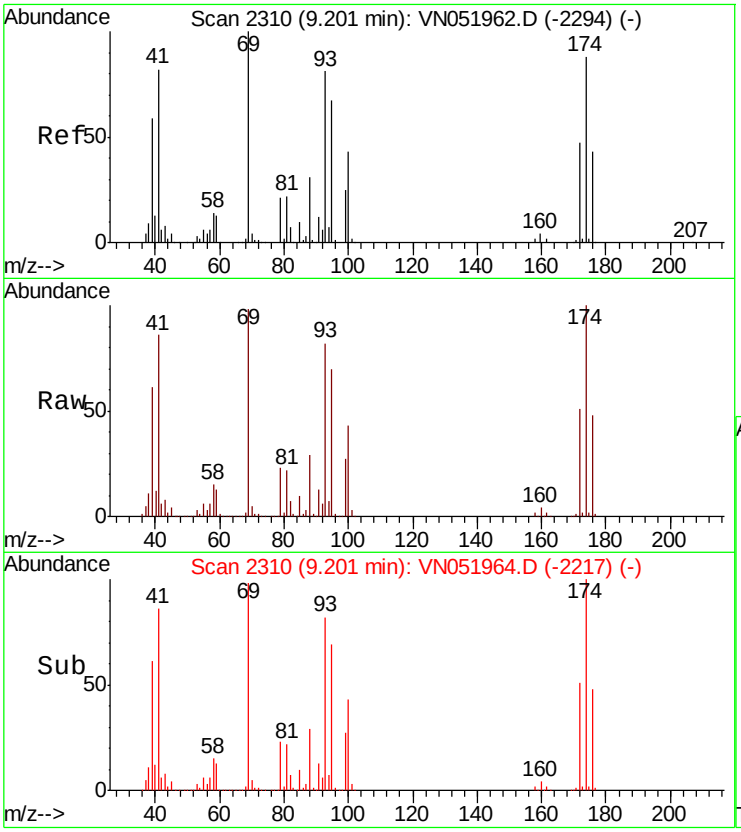




#48
Methyl methacrylate
Concen: 142.050 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 41 Resp: 807326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 116.5 | 92.2 | 138.4 |
| 39 | 73.8 | 60.2 | 90.4 |



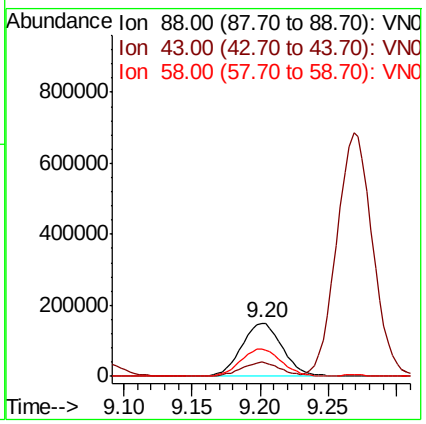


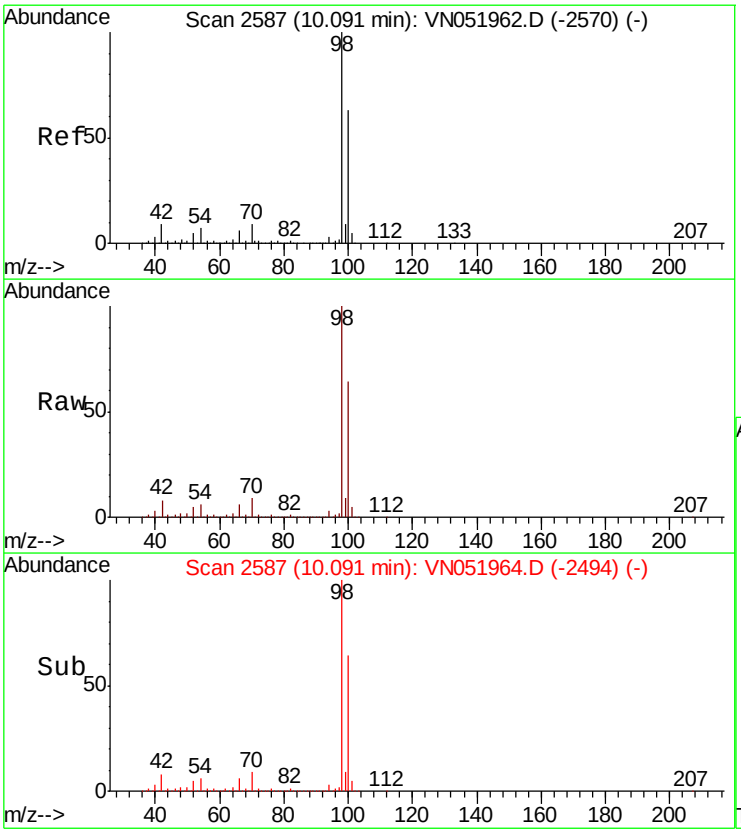

#49
1,4-Dioxane
Concen: 2970.115 ug/l
RT: 9.20 min  Scan# 2310
Delta R.T.  0.00 min
Lab File:  VN051964.D
Acq: 23 Oct 2018  14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 88 Resp:  309527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 24.6 | 18.8 | 28.2 |
| 58 | 52.1 | 39.8 | 59.6 |

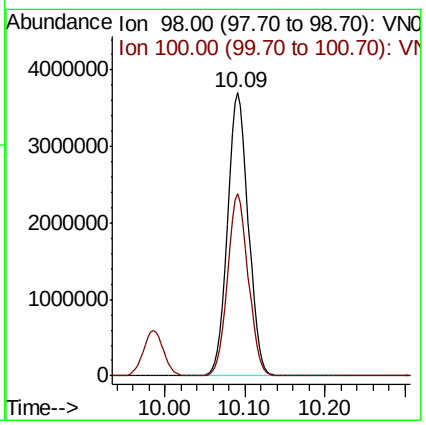


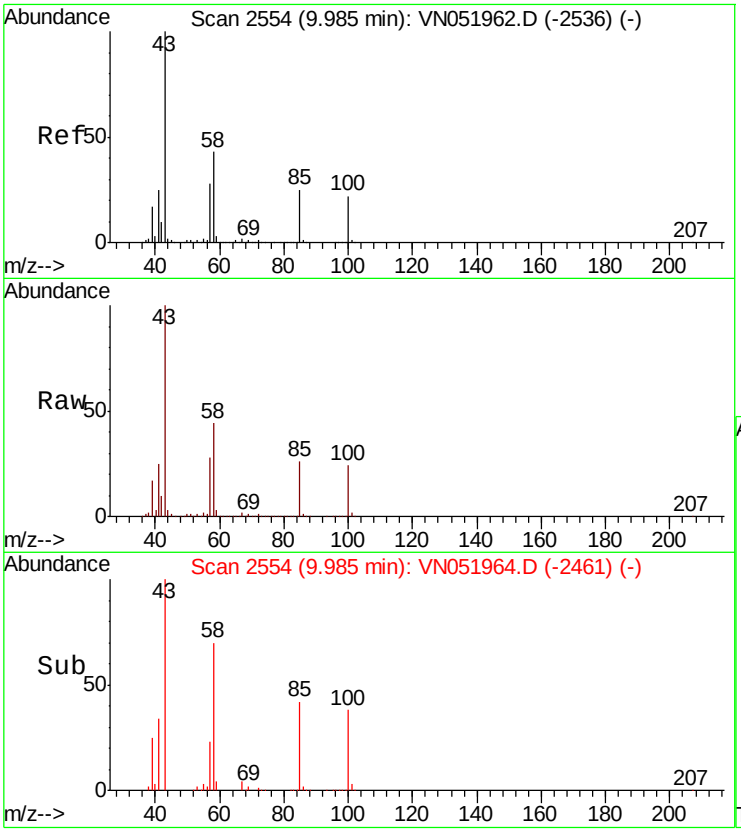




#50
Toluene-d8
Concen: 2970.115 ug/l
RT: 10.09 min  Scan# 2587
Delta R.T.  0.00 min
Lab File:  VN051964.D
Acq: 23 Oct 2018  14:54

Tgt Ion: 98 Resp: 6531333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 50.7 | 76.1 |



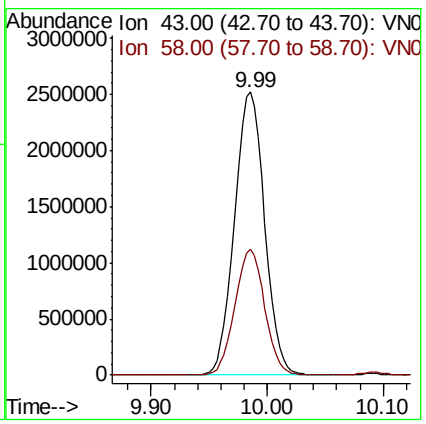


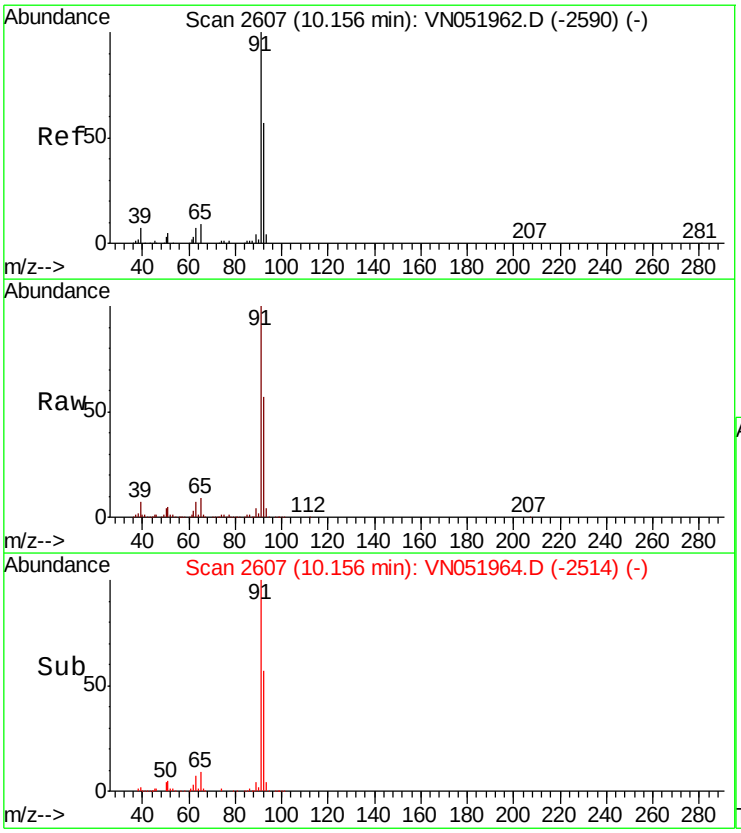

#51
4-Methyl-2-Pentanone
Concen: 700.195 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 4528766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.0 | 34.8 | 52.2 |

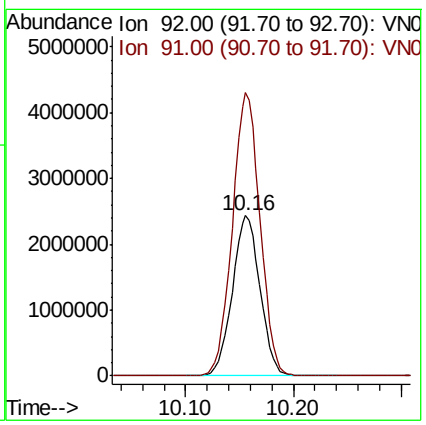


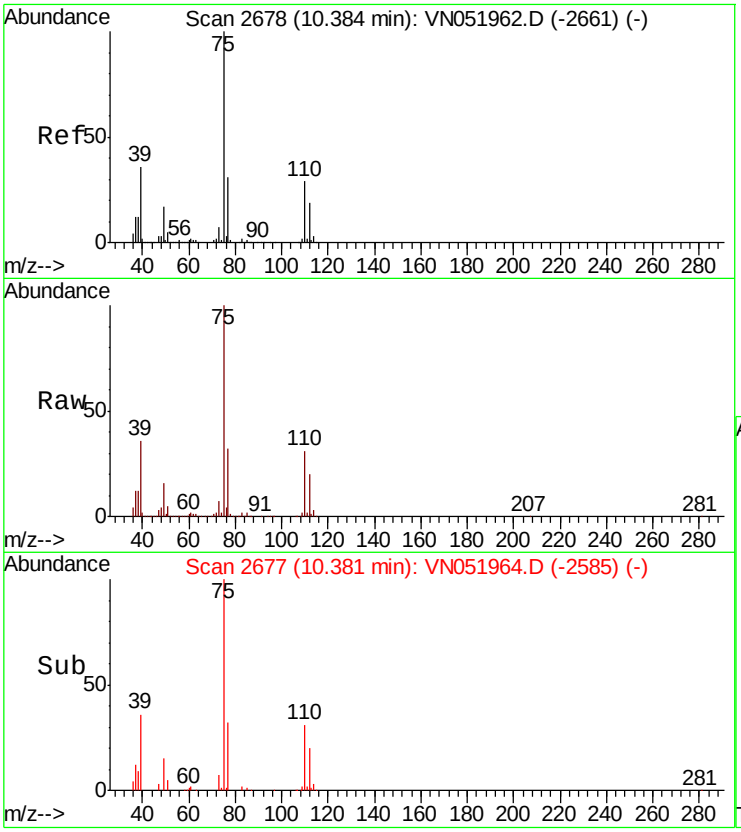




#52
Toluene
Concen: 153.359 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 92 Resp: 4335255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 177.0 | 139.8 | 209.6 |



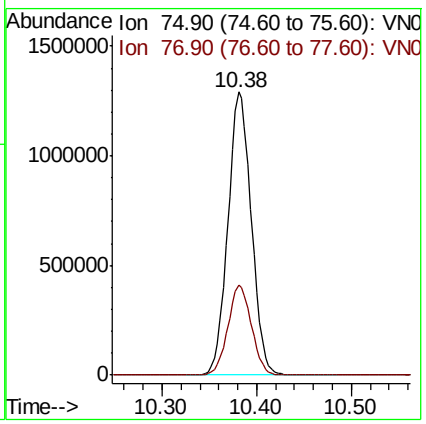


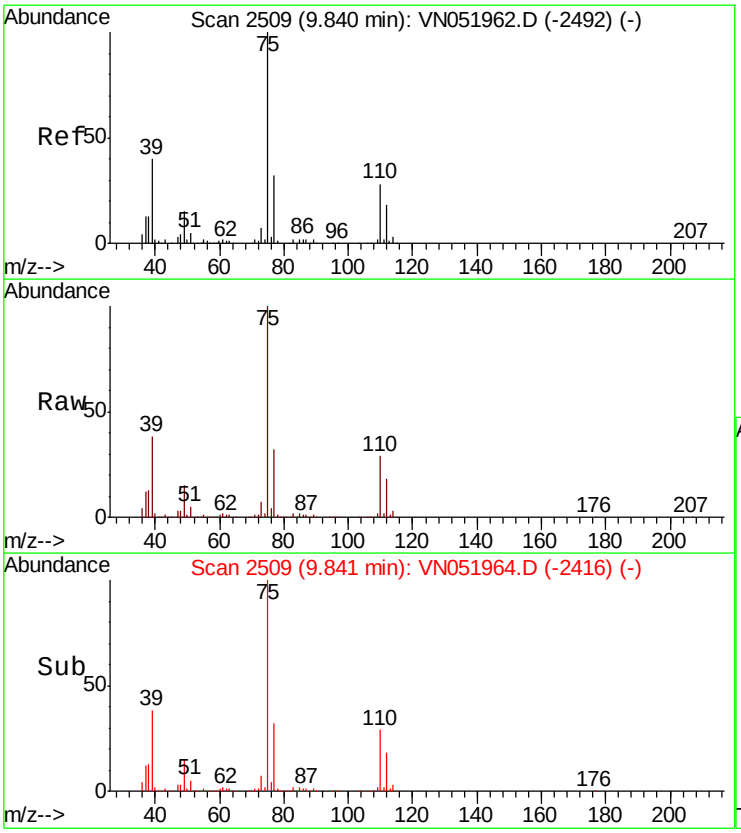

#53
t-1,3-Dichloropropene
Concen: 168.381 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 75 Resp: 2214869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 25.0 | 37.4 |

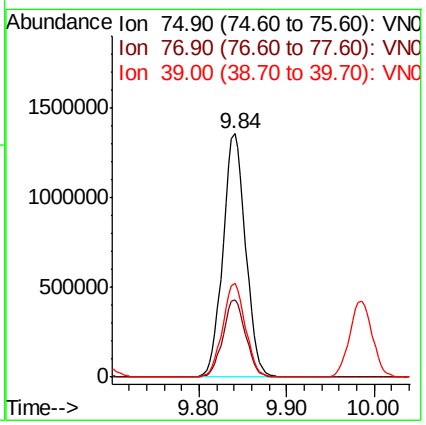


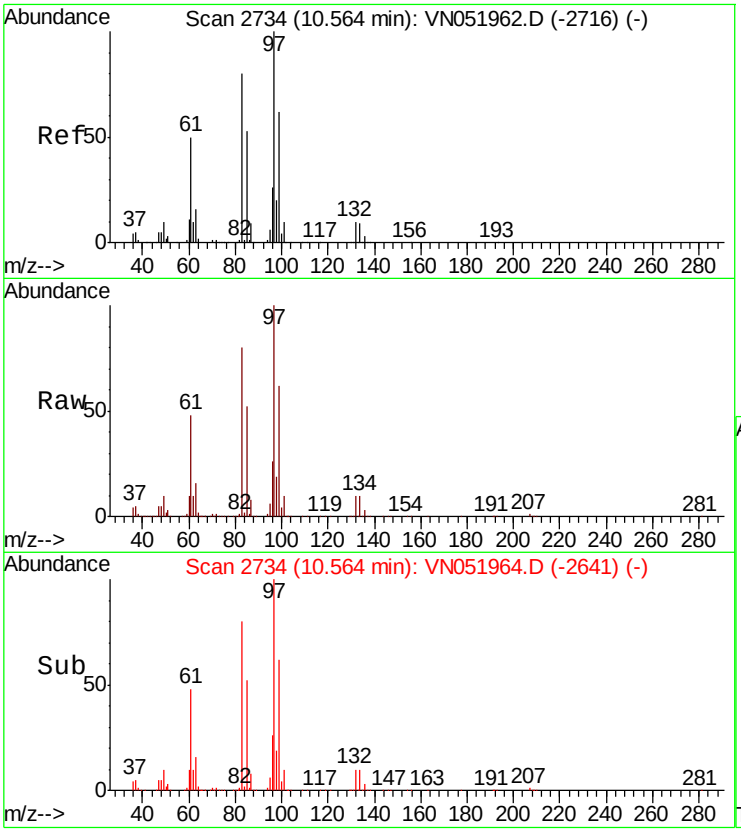




#54
cis-1,3-Dichloropropene
Concen: 162.674 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 75 Resp: 2441053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.2 | 37.8 |
| 39 | 38.4 | 32.0 | 48.0 |



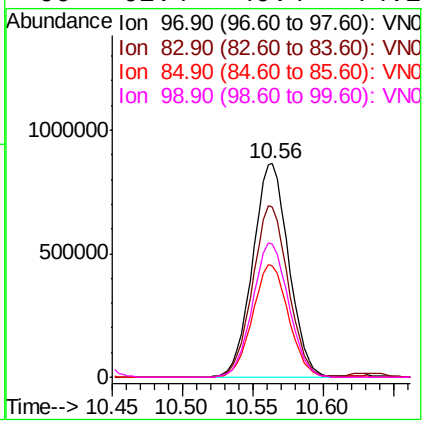


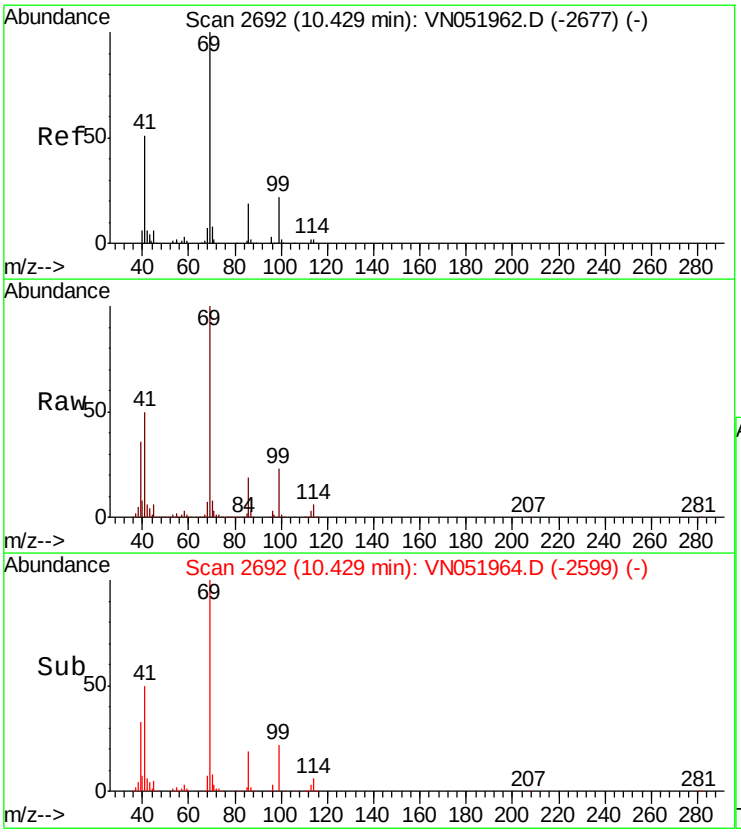

#55
1,1,2-Trichloroethane
Concen: 147.860 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 97 Resp: 1544343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 79.8 | 64.0 | 96.0 |
| 85 | 52.3 | 42.4 | 63.6 |
| 99 | 62.4 | 49.4 | 74.2 |

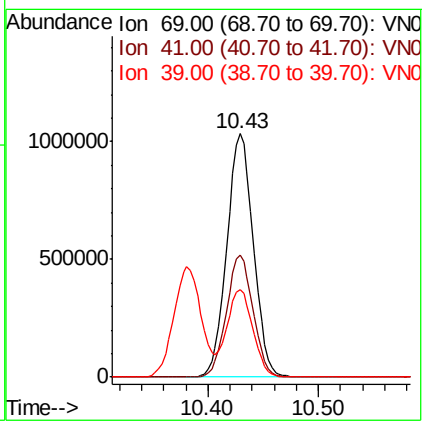


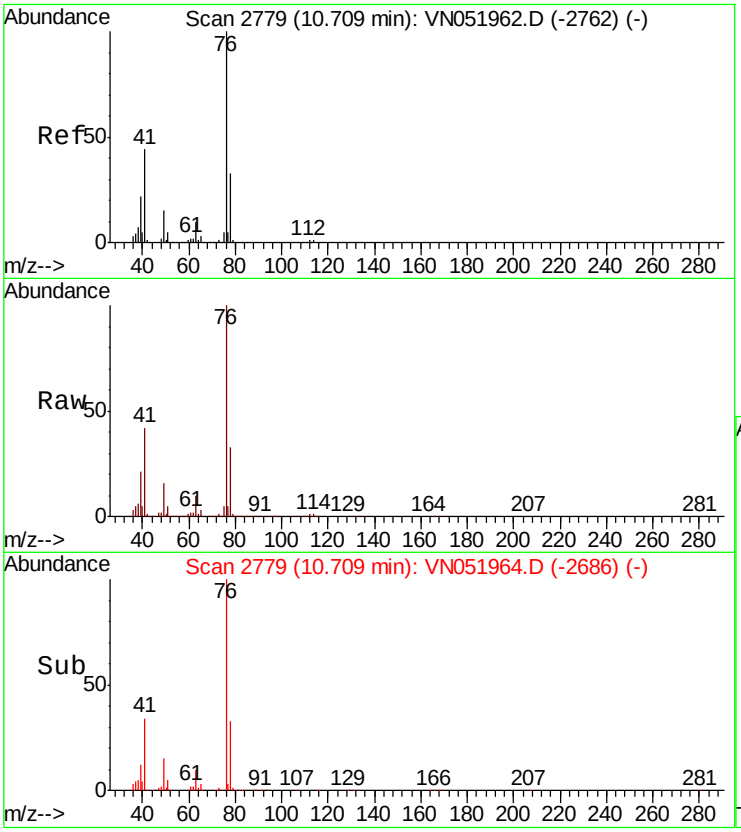




#56
Ethyl methacrylate
Concen: 153.469 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 69 Resp: 1723049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 49.9 | 40.7 | 61.1 |
| 39 | 35.4 | 29.3 | 43.9 |



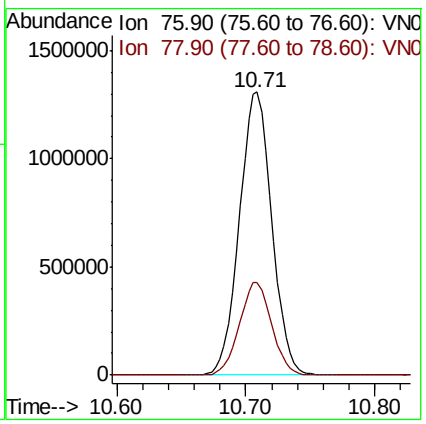


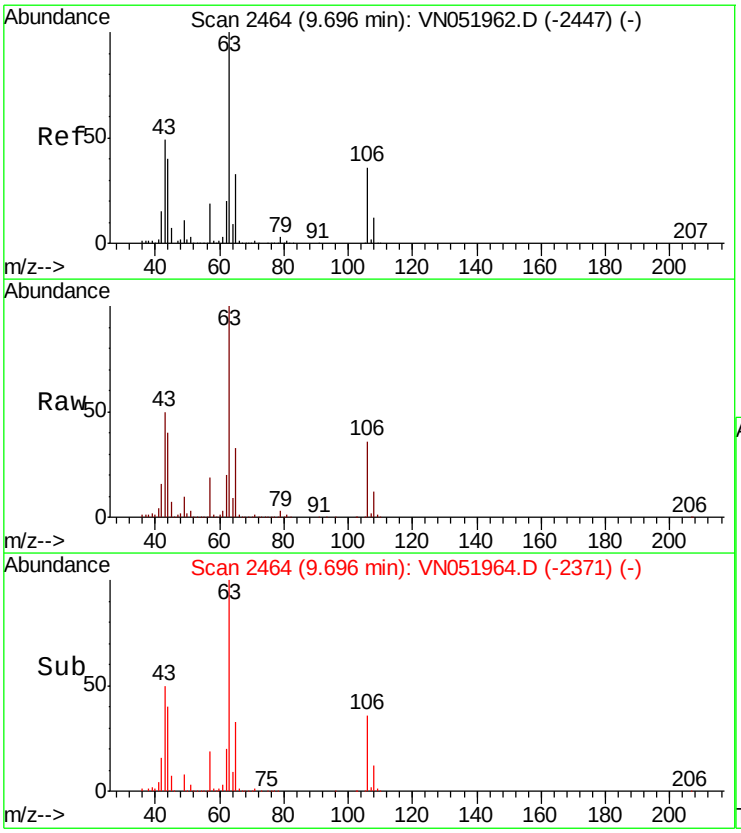

#57
1,3-Dichloropropane
Concen: 143.966 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 2282767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 26.4 | 39.6 |

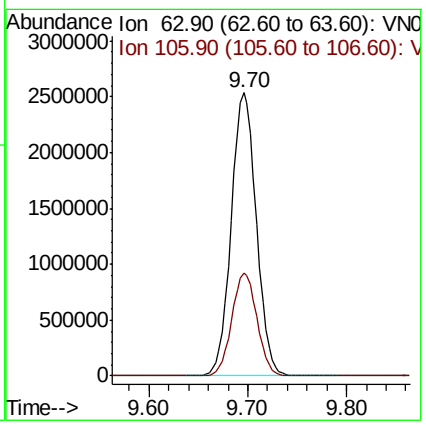


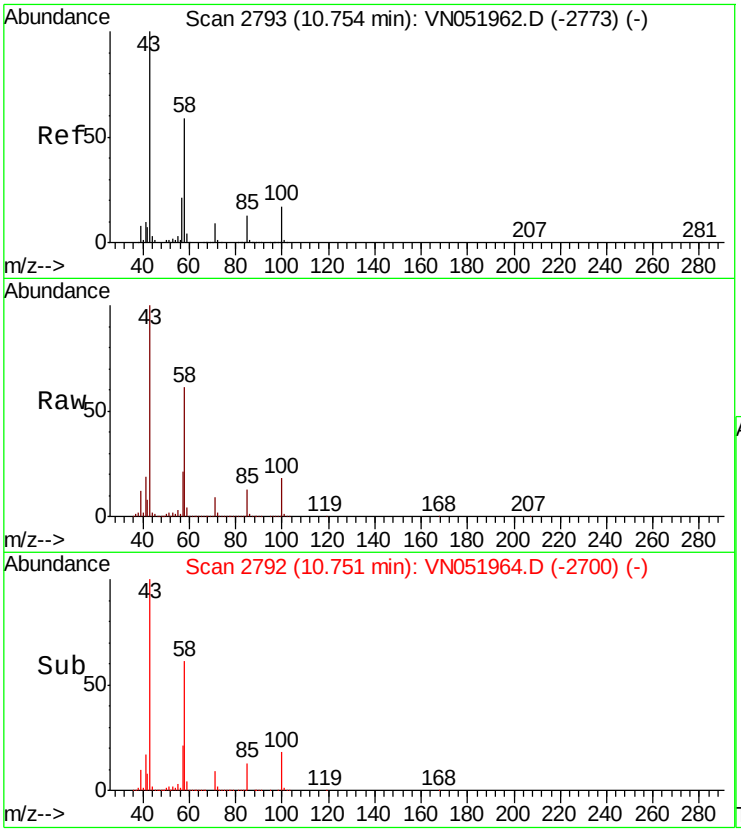




#58
2-Chloroethyl Vinyl ether
Concen: 763.126 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 63 Resp: 4483040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 36.5 | 28.3 | 42.5 |



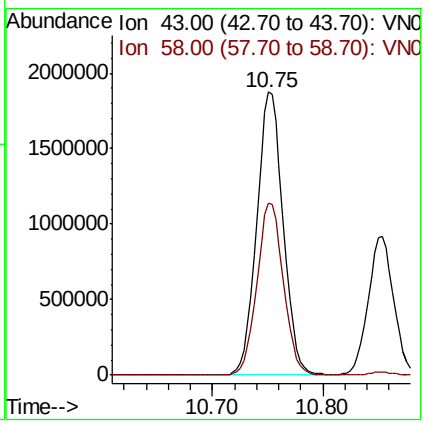


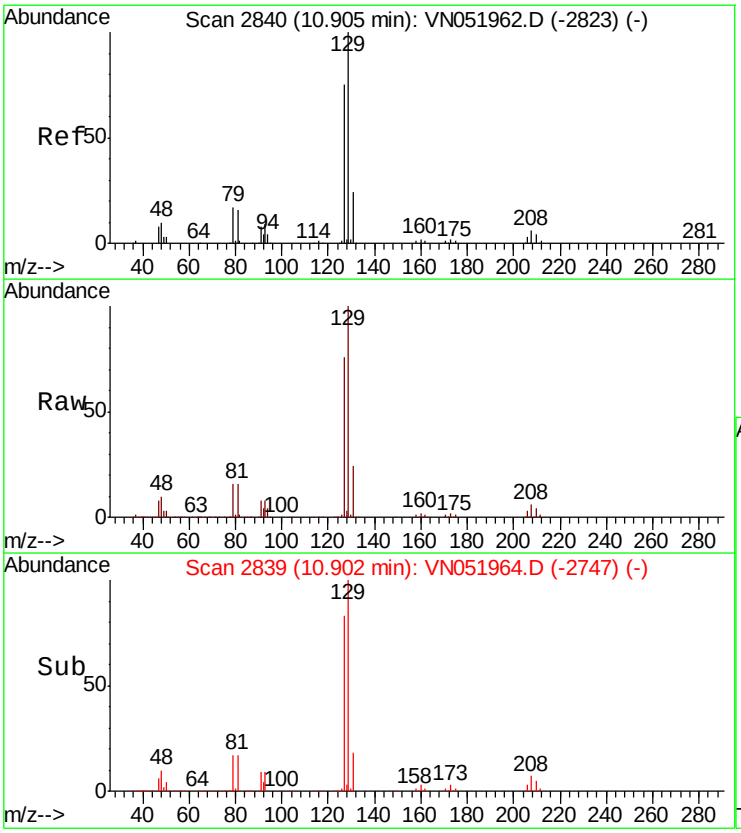

#59
2-Hexanone
Concen: 714.250 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 3103932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 61.1 | 29.9 | 89.8 |

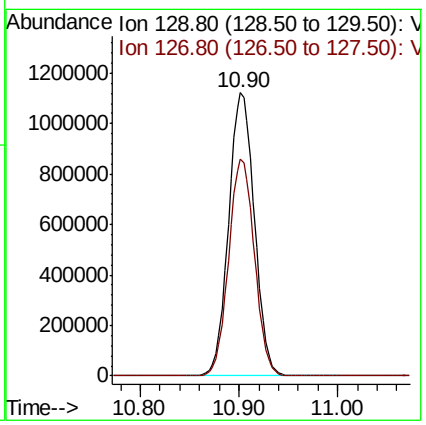


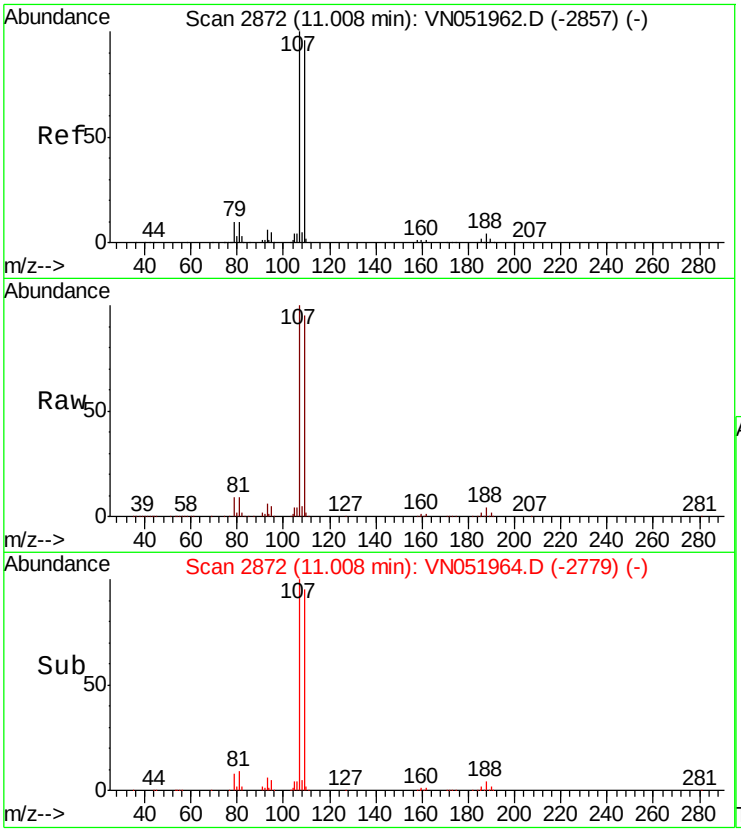




#60
Dibromochloromethane
Concen: 174.269 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:129 Resp: 2039787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.7 | 38.0 | 114.0 |



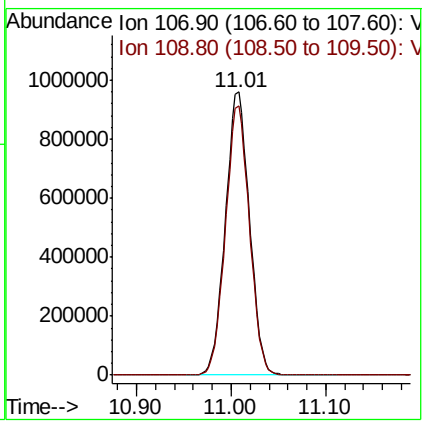


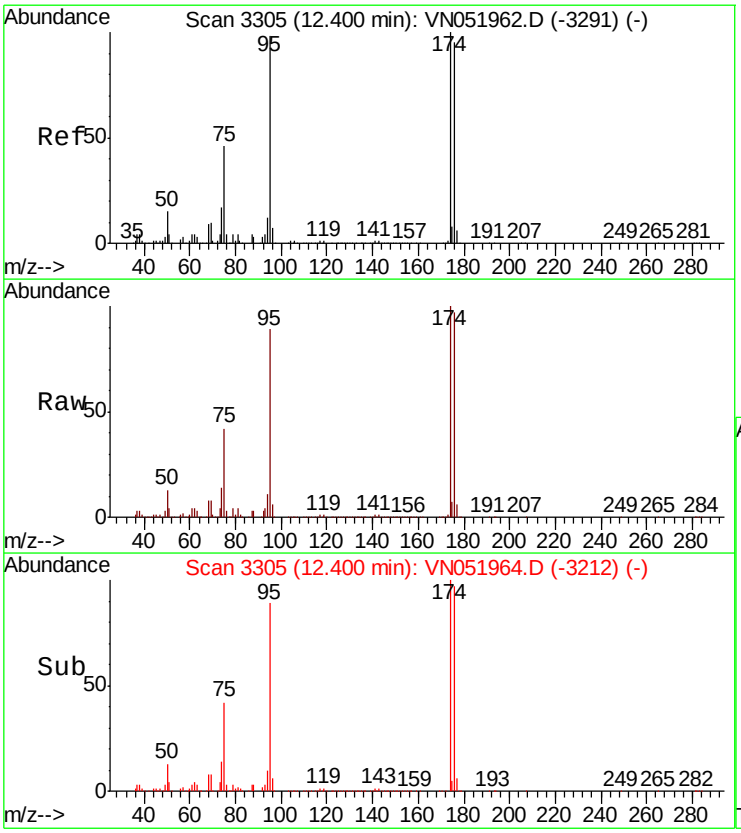

#61
1,2-Dibromoethane
Concen: 154.328 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:107 Resp: 1699567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.9 | 75.9 | 113.9 |

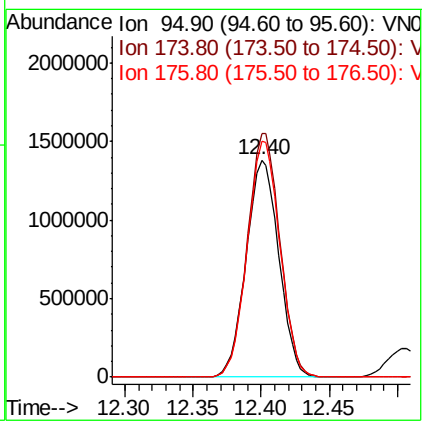


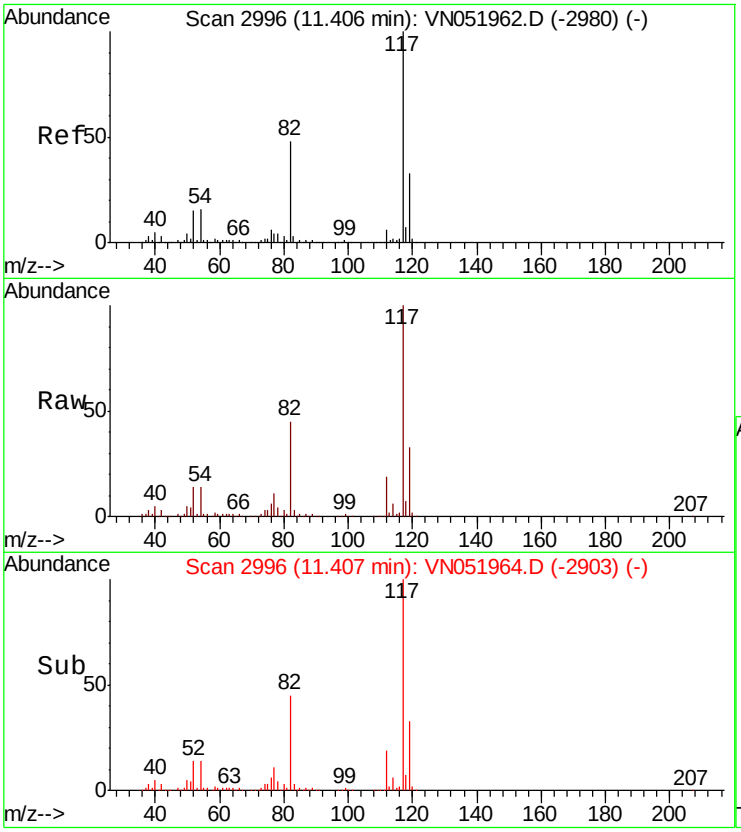




#62
4-Bromofluorobenzene
Concen: 154.328 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 95 Resp: 2298115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 112.1 | 0.0 | 206.0 |
| 176 | 108.6 | 0.0 | 198.0 |



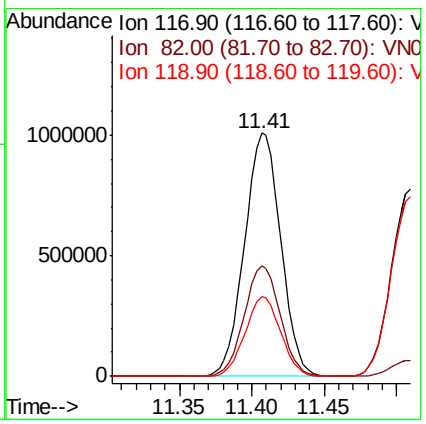


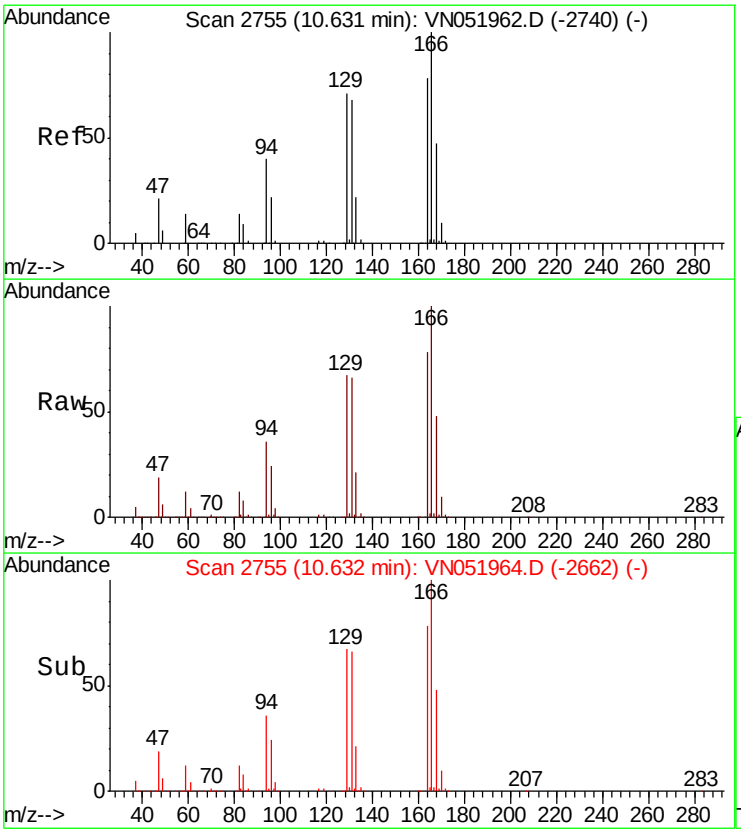

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion:117 Resp: 1752496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 45.3 | 38.1 | 57.1 |
| 119 | 32.8 | 26.4 | 39.6 |

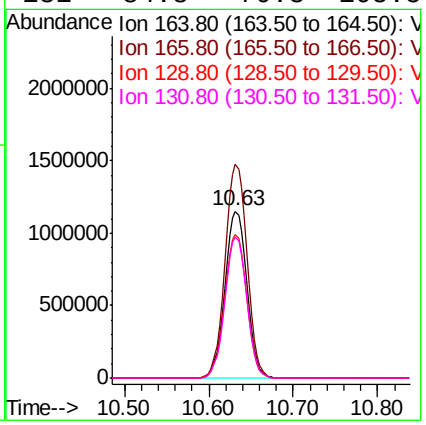


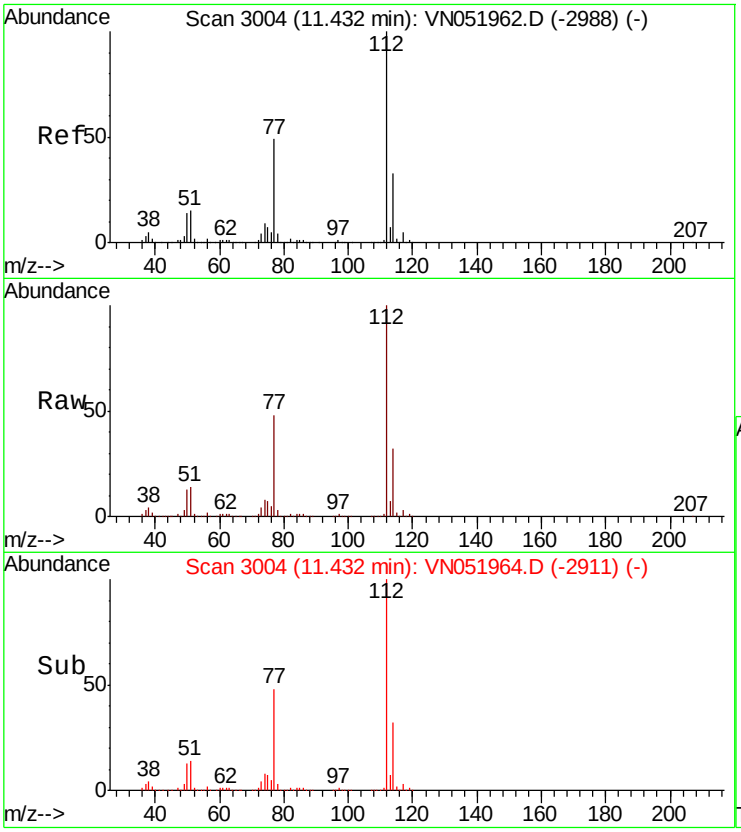




#64
Tetrachloroethene
Concen: 154.521 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:164 Resp: 2078448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.0 | 103.1 | 154.7 |
| 129 | 86.3 | 73.6 | 110.4 |
| 131 | 84.8 | 70.3 | 105.5 |



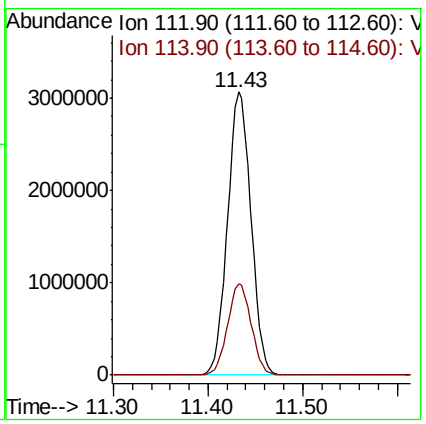


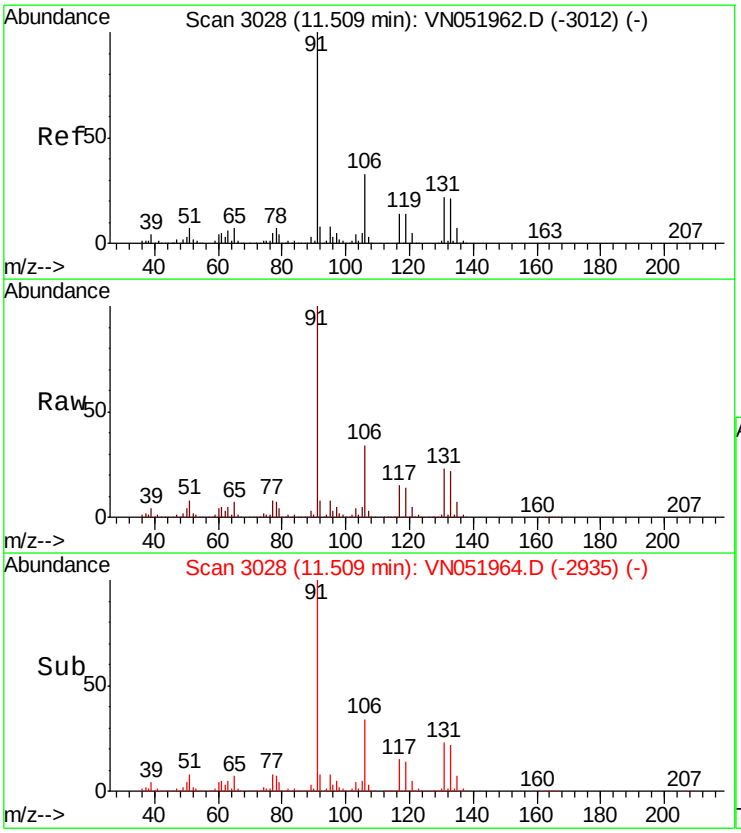

#65
Chlorobenzene
Concen: 149.266 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:112 Resp: 5281564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.4 | 26.1 | 39.1 |

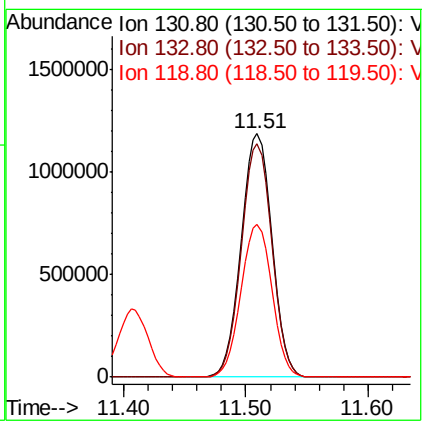


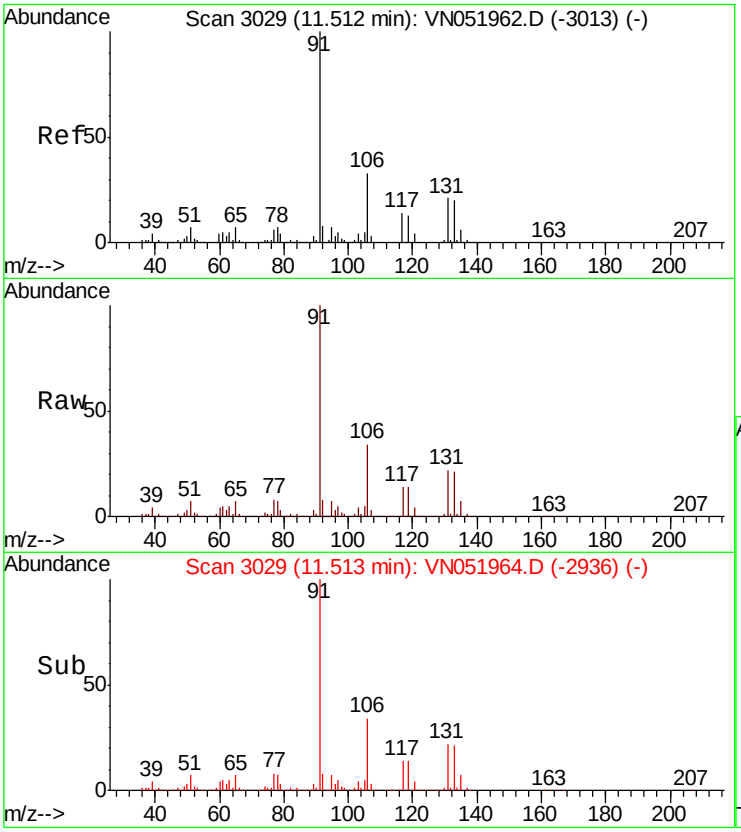




#66
1,1,1,2-Tetrachloroethane
Concen: 161.794 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:131 Resp: 2057700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 47.8 | 143.3 |
| 119 | 63.2 | 32.0 | 96.2 |



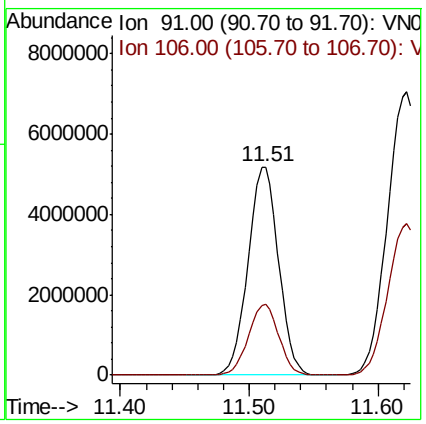


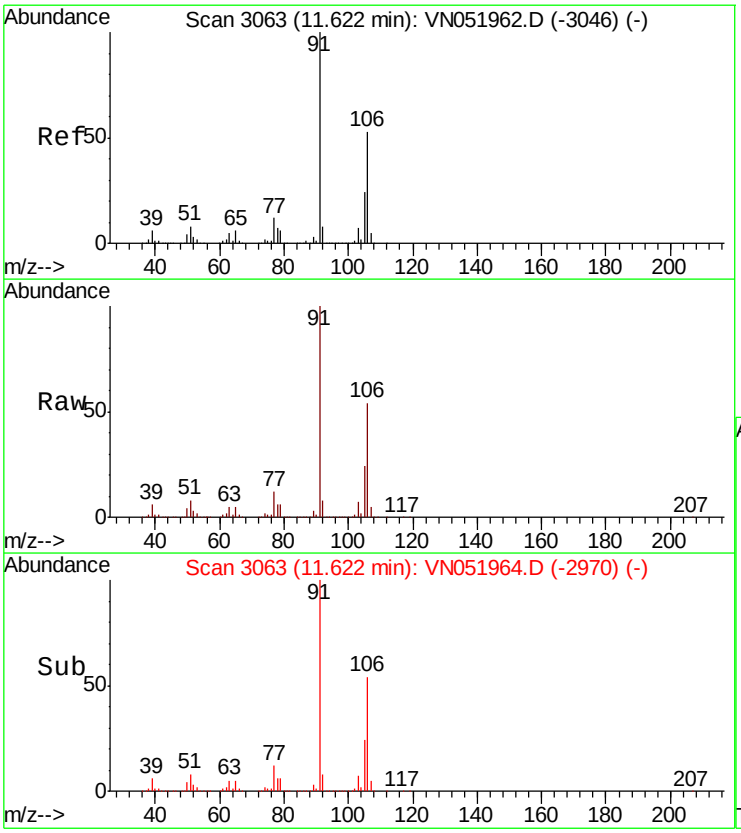

#67
Ethyl Benzene
Concen: 150.335 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 8550464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.8 | 26.4 | 39.6 |

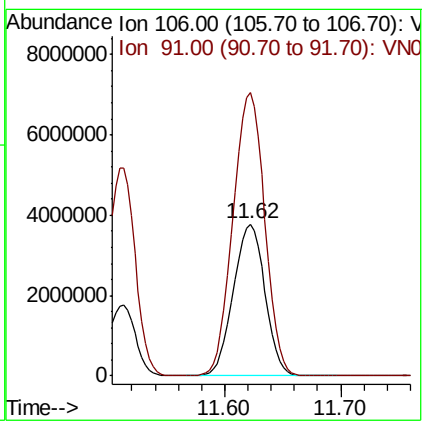


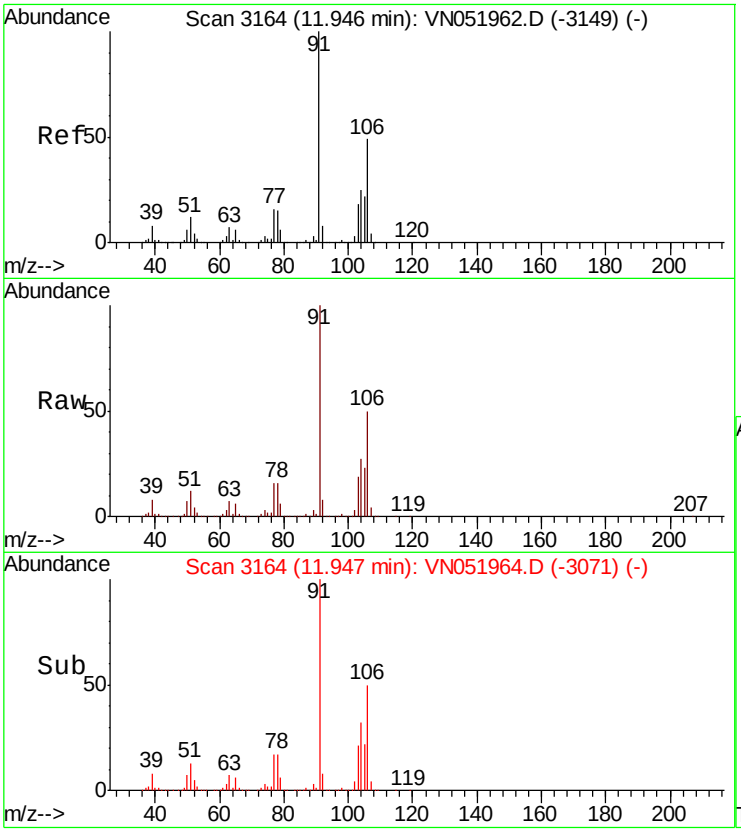




#68
m/p-Xylenes
Concen: 312.987 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:106 Resp: 7112450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 188.0 | 152.2 | 228.2 |



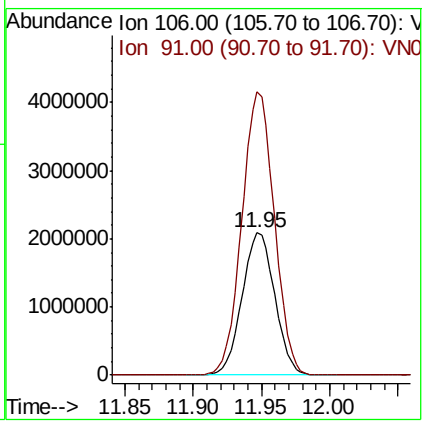


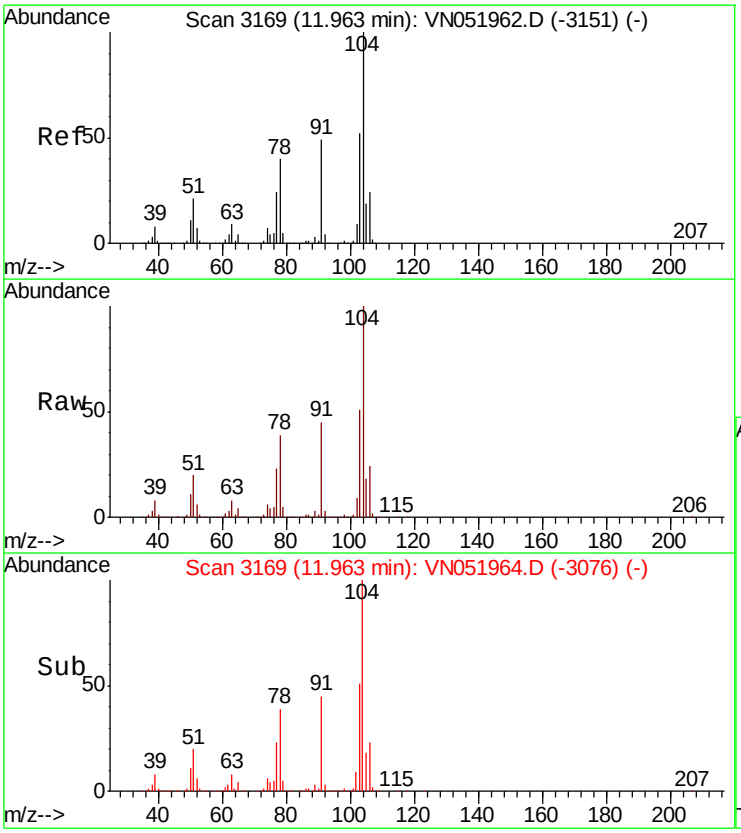

#69
o-Xylene
Concen: 156.575 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:106 Resp: 3460400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.1 | 101.0 | 303.0 |

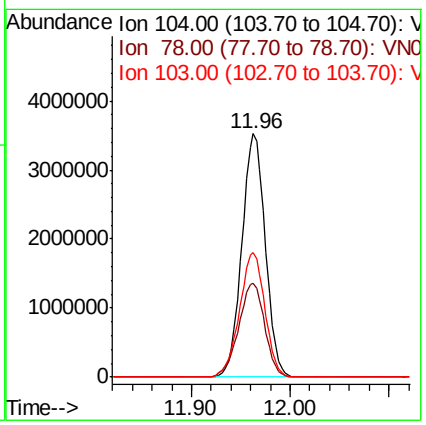


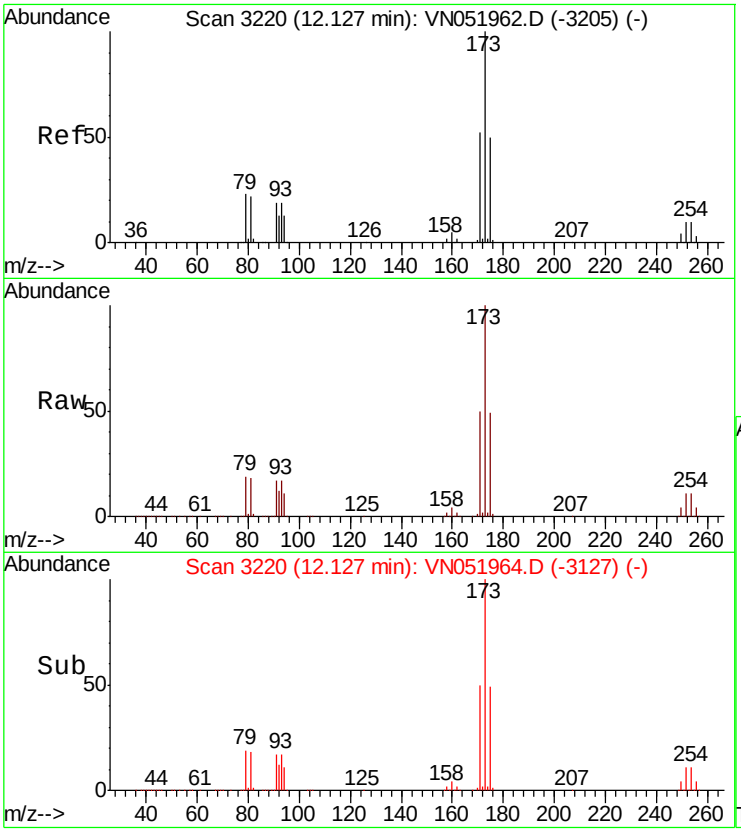




#70
Styrene
Concen: 163.248 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:104 Resp: 5766498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 42.9 | 35.8 | 53.6 |
| 103 | 55.5 | 44.9 | 67.3 |



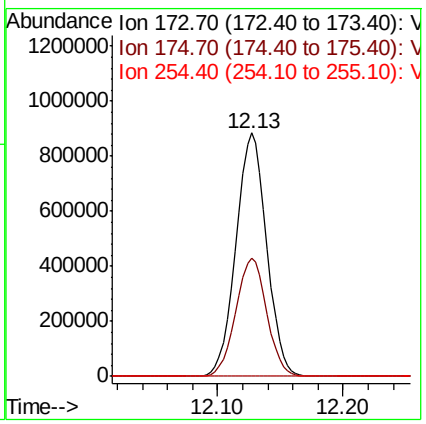


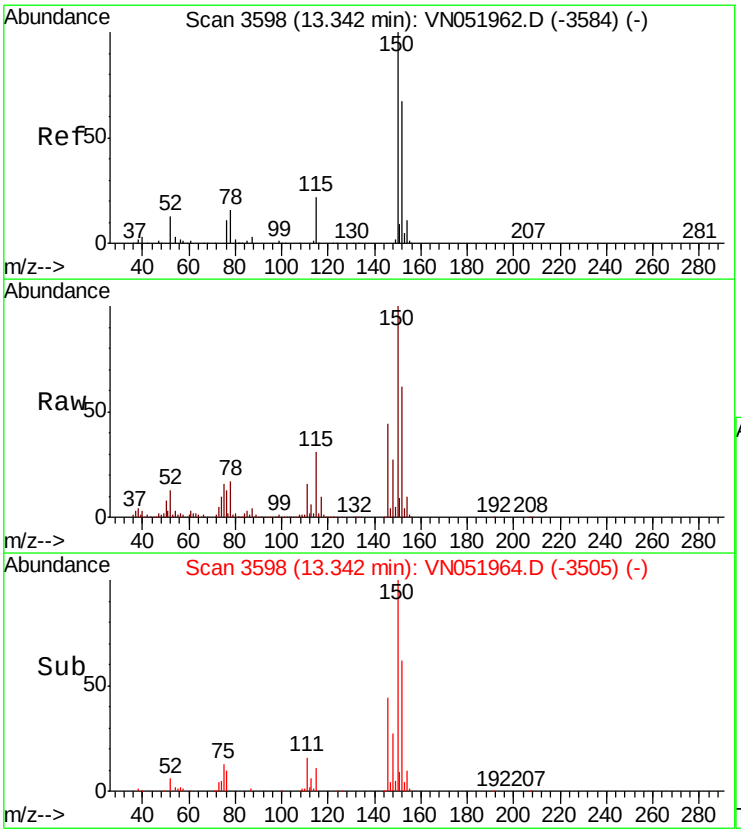

#71
Bromoform
Concen: 192.590 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:173 Resp: 1494089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.6 | 74.0 |
| 254 | 0.1 | 0.1 | 0.1# |

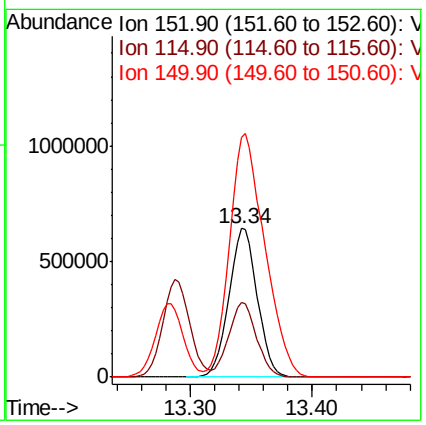


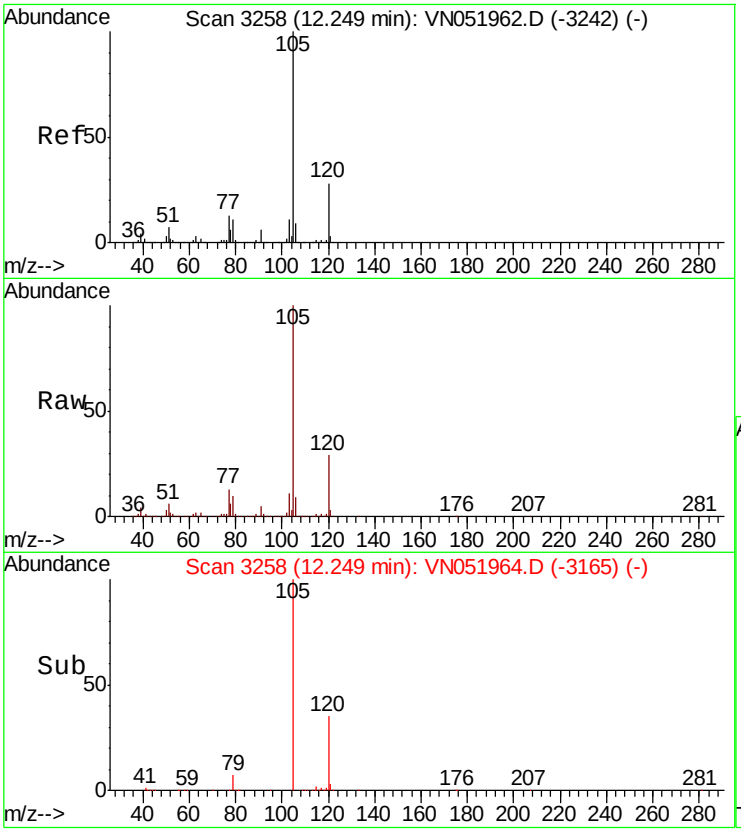




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:152 Resp: 1036818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 49.4 | 25.8 | 77.3 |
| 150 | 203.3 | 0.0 | 344.4 |



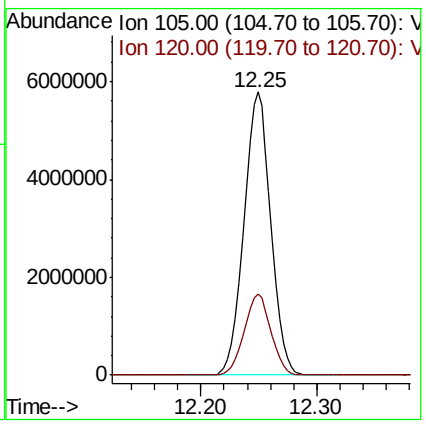


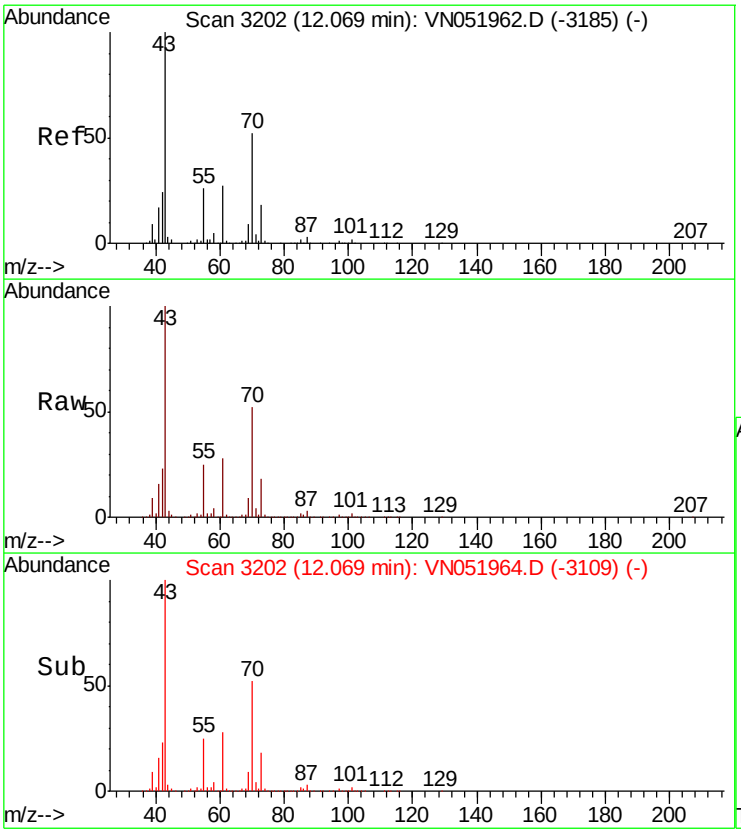

#73
Isopropylbenzene
Concen: 141.180 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion:105 Resp: 9283295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.6 | 14.0 | 41.9 |

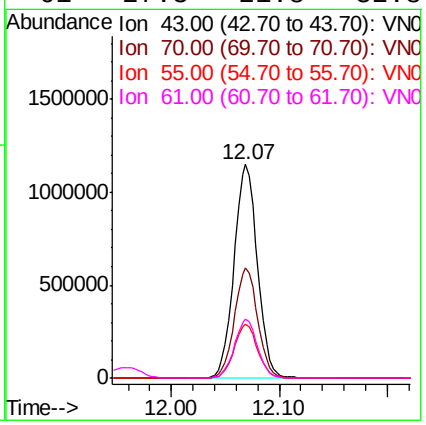


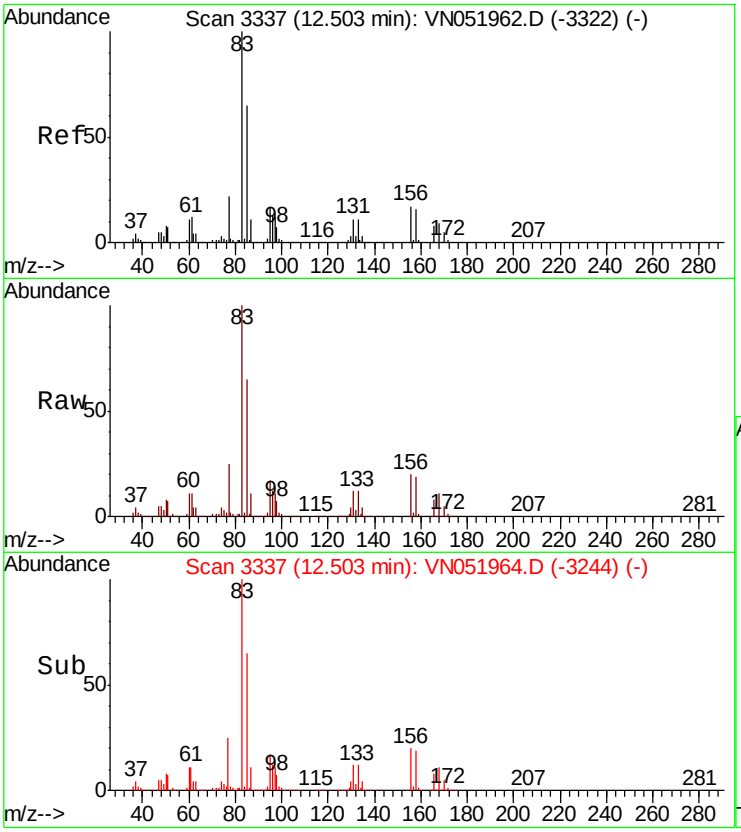




#74
N-amyl acetate
Concen: 133.797 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 43 Resp: 1731675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 51.6 | 41.3 | 61.9 |
| 55 | 25.4 | 21.2 | 31.8 |
| 61 | 27.3 | 21.8 | 32.8 |



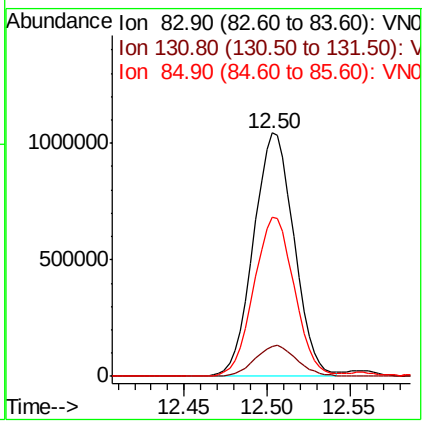


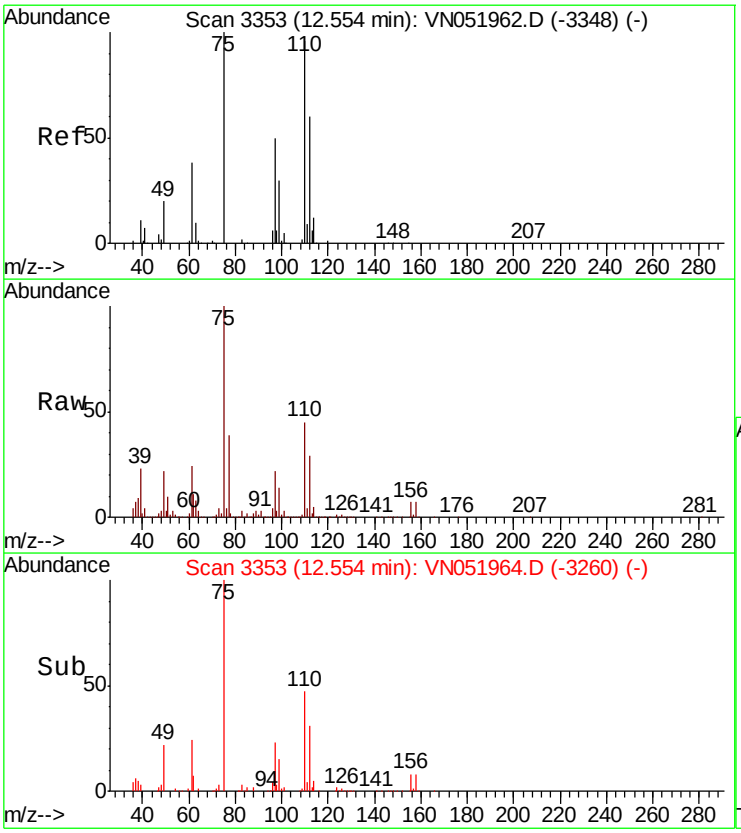

#75
1,1,2,2-Tetrachloroethane
Concen: 130.614 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 1774631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 13.0 | 6.2 | 18.6 |
| 85 | 65.4 | 32.7 | 98.1 |

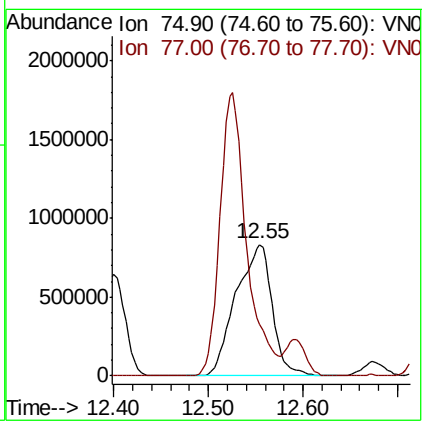


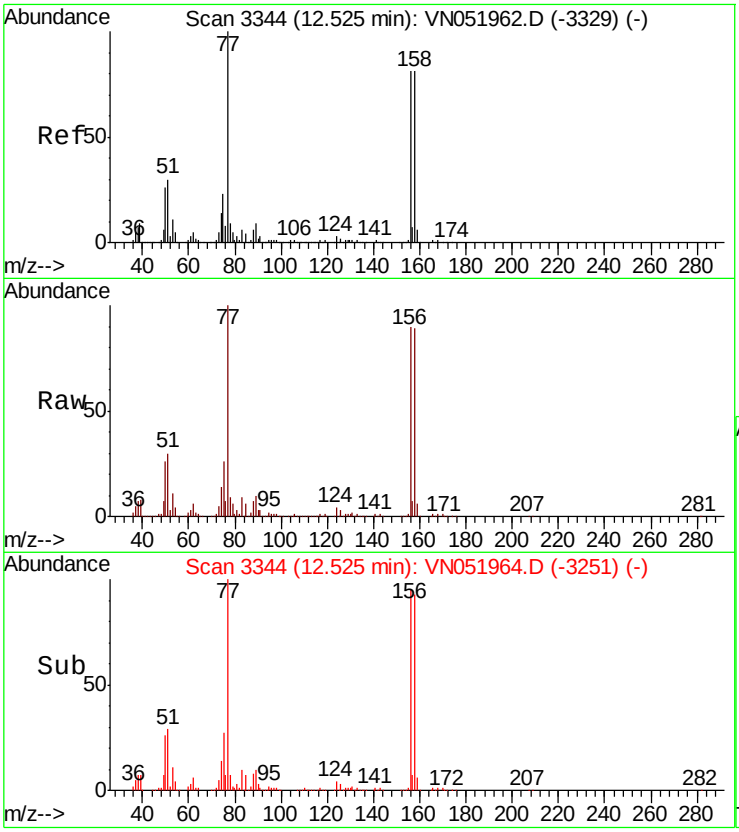




#76
1,2,3-Trichloropropane
Concen: 210.046 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 75 Resp: 2217847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



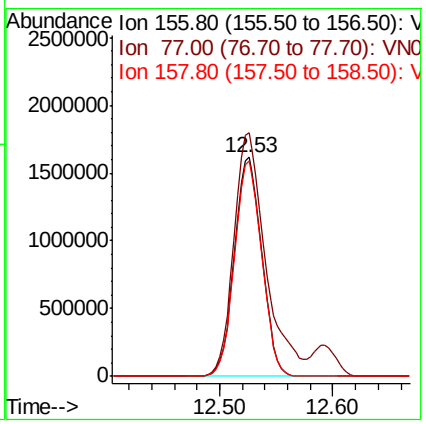


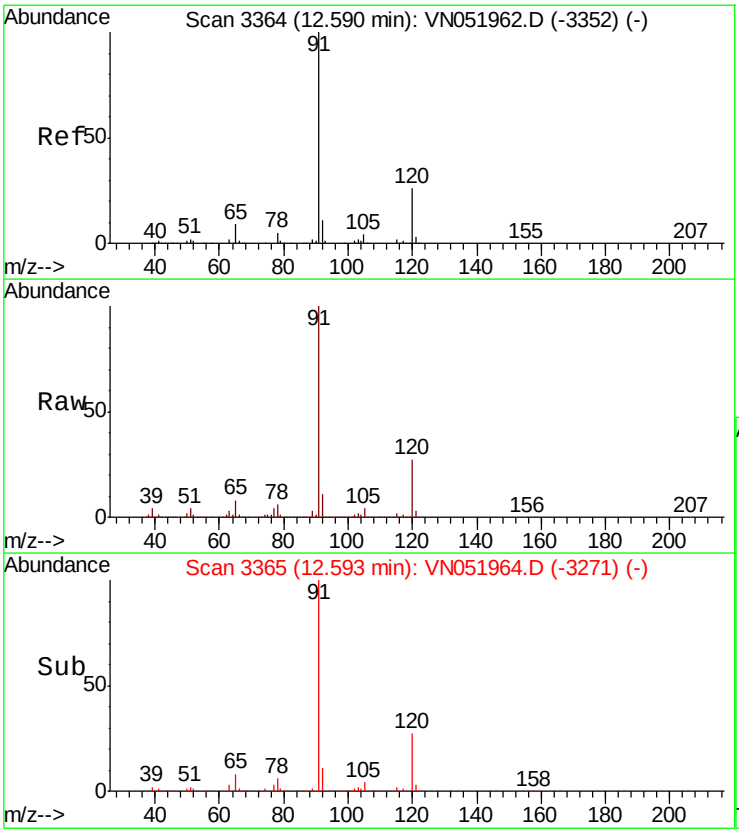

#77
Bromobenzene
Concen: 150.623 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:156 Resp: 2733367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 128.6 | 71.1 | 213.3 |
| 158 | 97.6 | 49.3 | 147.8 |

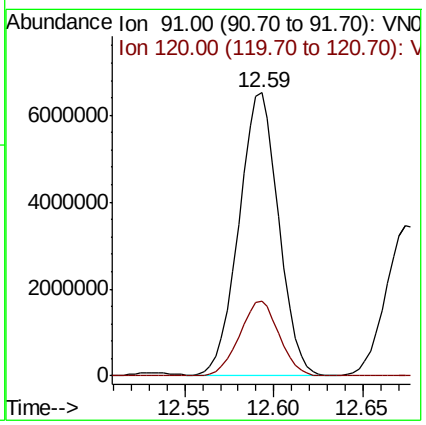


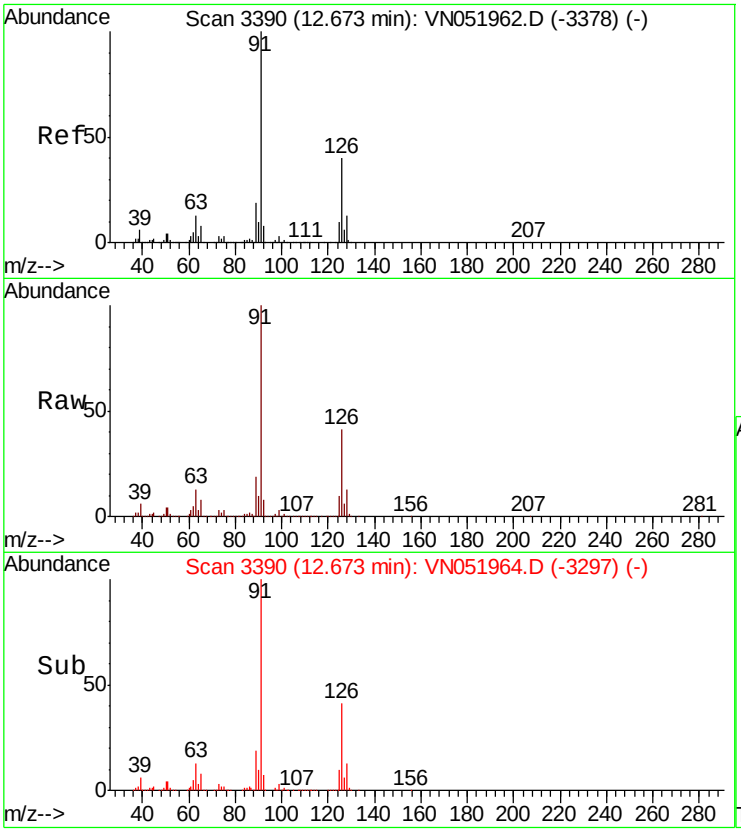




#78
n-propylbenzene
Concen: 142.763 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 91 Resp:10126601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 26.5 | 13.1 | 39.3 |



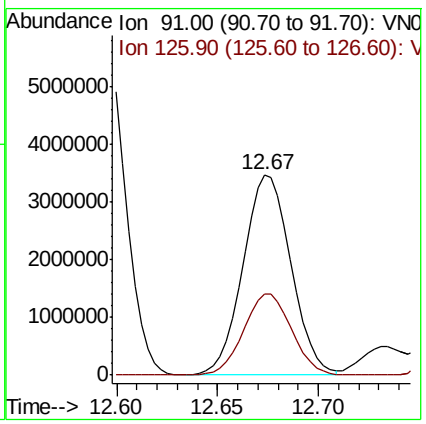


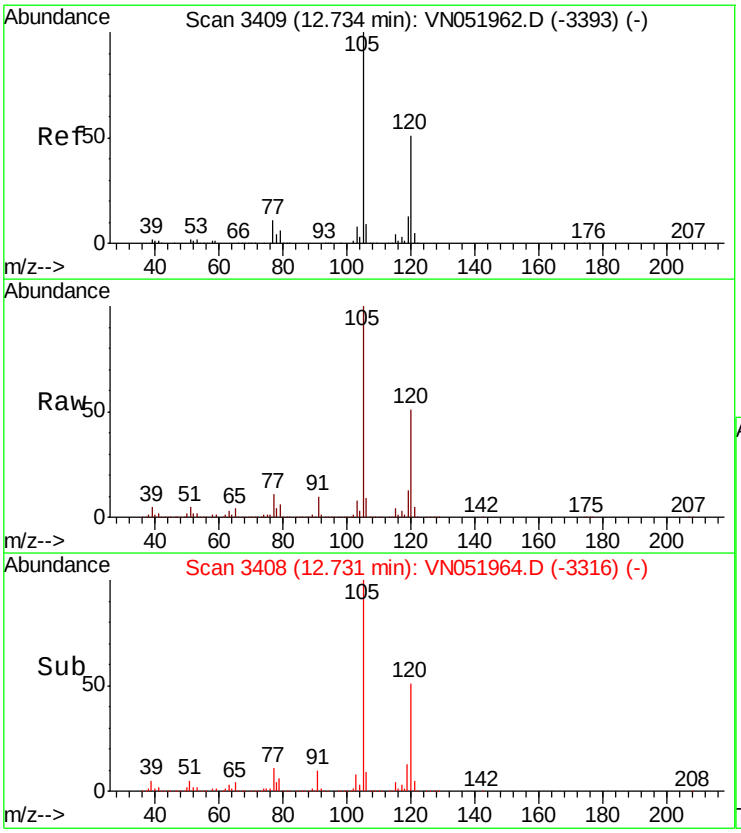

#79
2-Chlorotoluene
Concen: 139.161 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 91 Resp: 5748378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 40.9 | 20.1 | 60.3 |

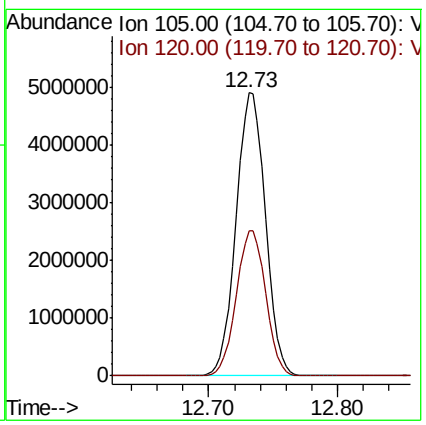


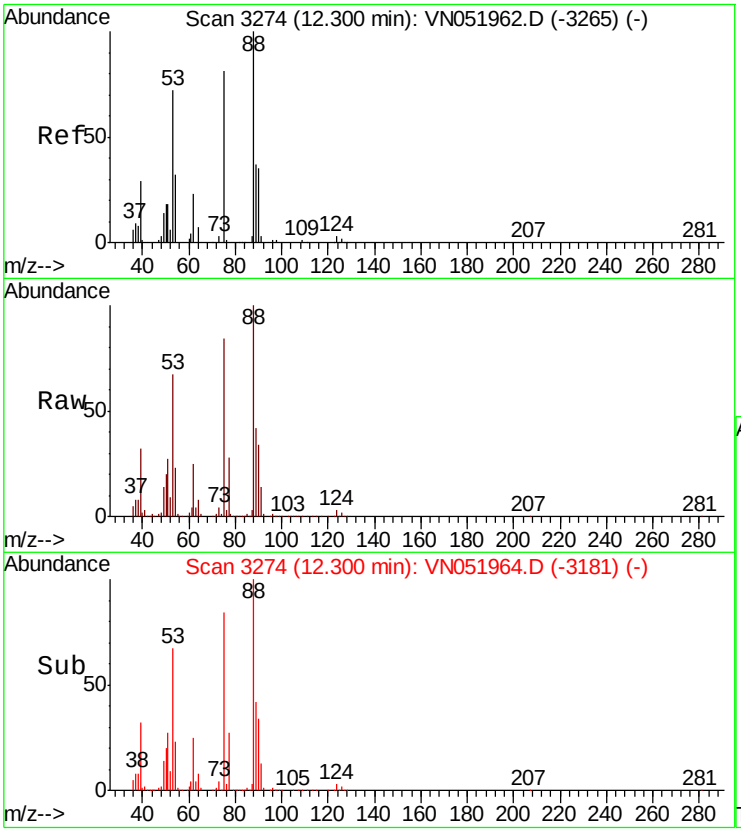




#80
1,3,5-Trimethylbenzene
Concen: 146.634 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:105 Resp: 7735719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.4 | 25.7 | 77.1 |



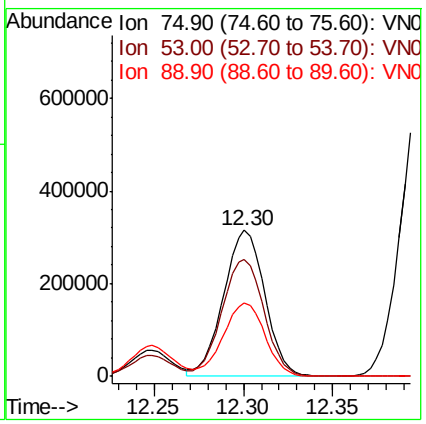


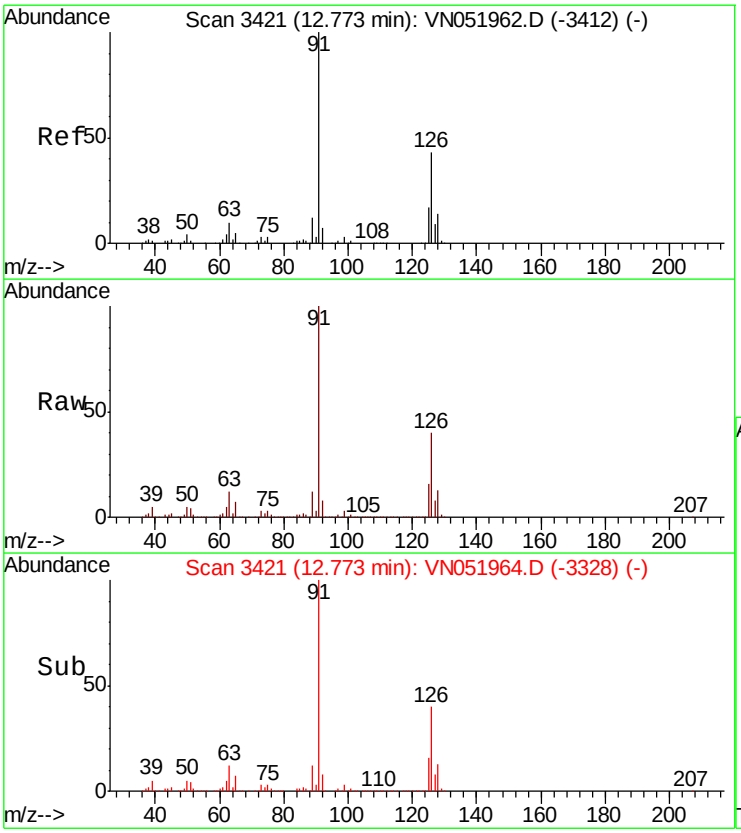

#81
trans-1,4-Dichloro-2-butene
Concen: 175.154 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 505663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 82.6 | 73.5 | 110.3 |
| 89 | 51.2 | 41.6 | 62.4 |

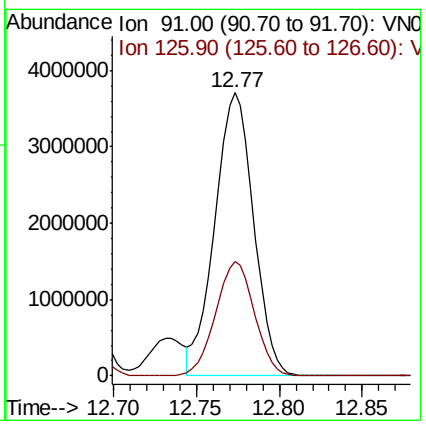


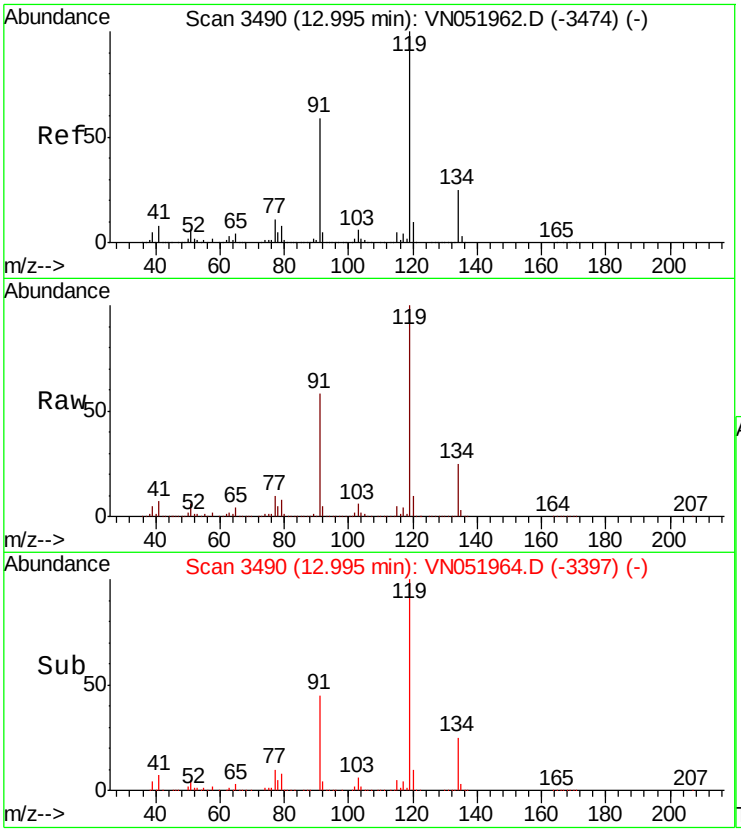




#82
4-Chlorotoluene
Concen: 140.772 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 91 Resp: 6020515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 40.4 | 19.7 | 59.0 |



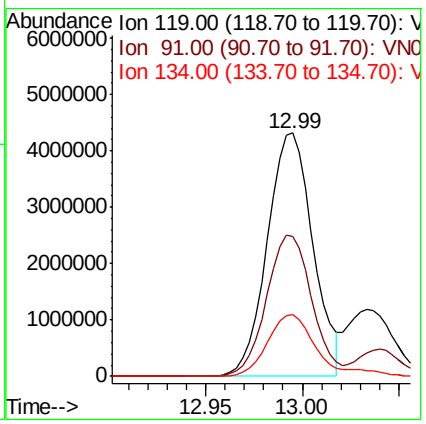


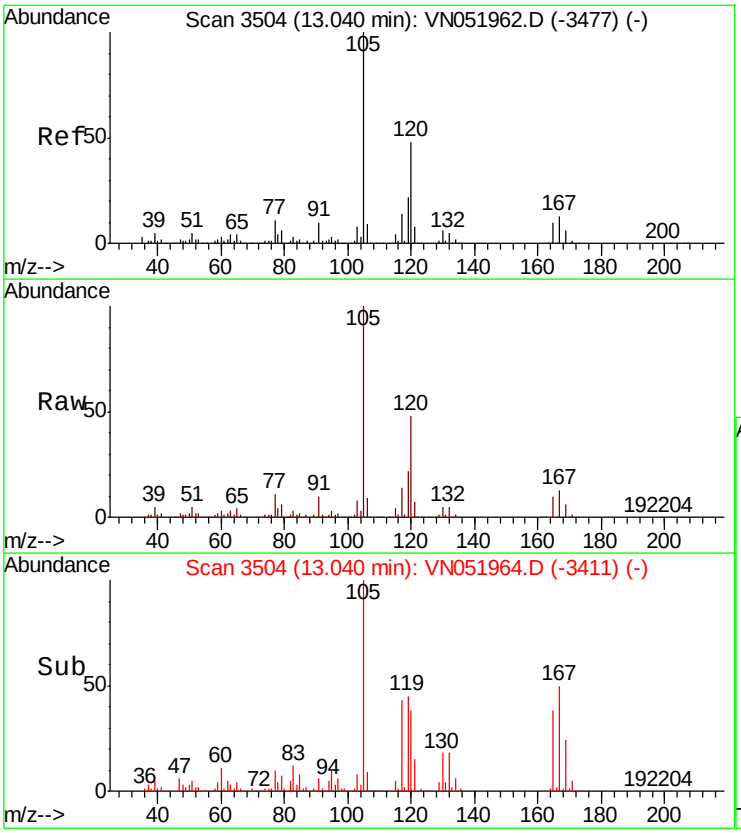

#83
tert-Butylbenzene
Concen: 142.073 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:119 Resp: 7088872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.5 | 28.8 | 86.4 |
| 134 | 27.4 | 13.4 | 40.1 |

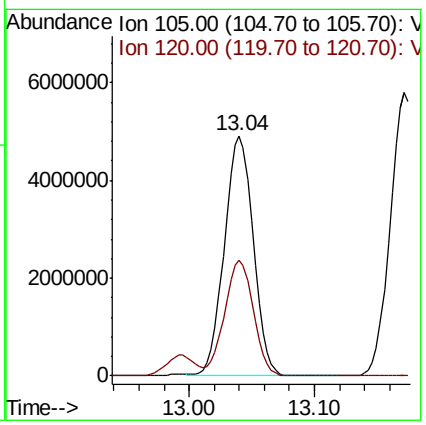


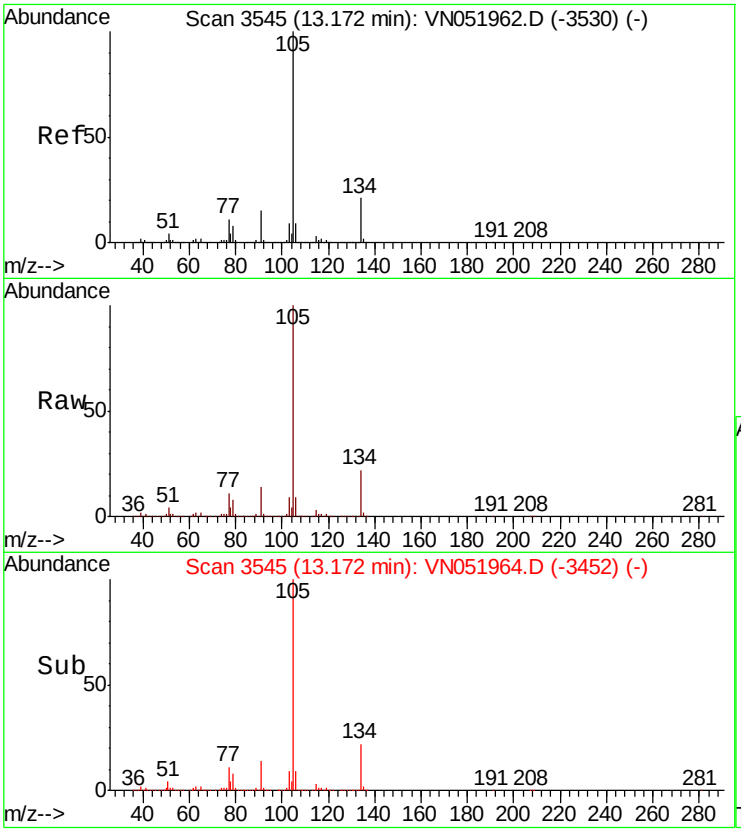




#84
1,2,4-Trimethylbenzene
Concen: 144.178 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:105 Resp: 7845765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 23.8 | 71.5 |



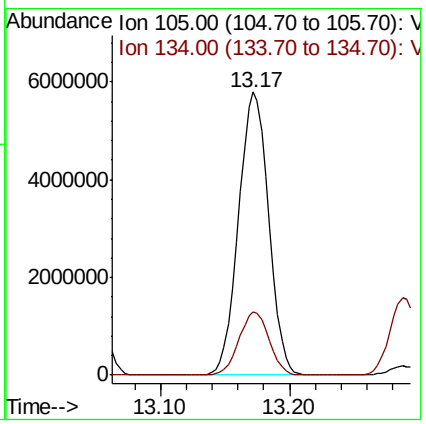


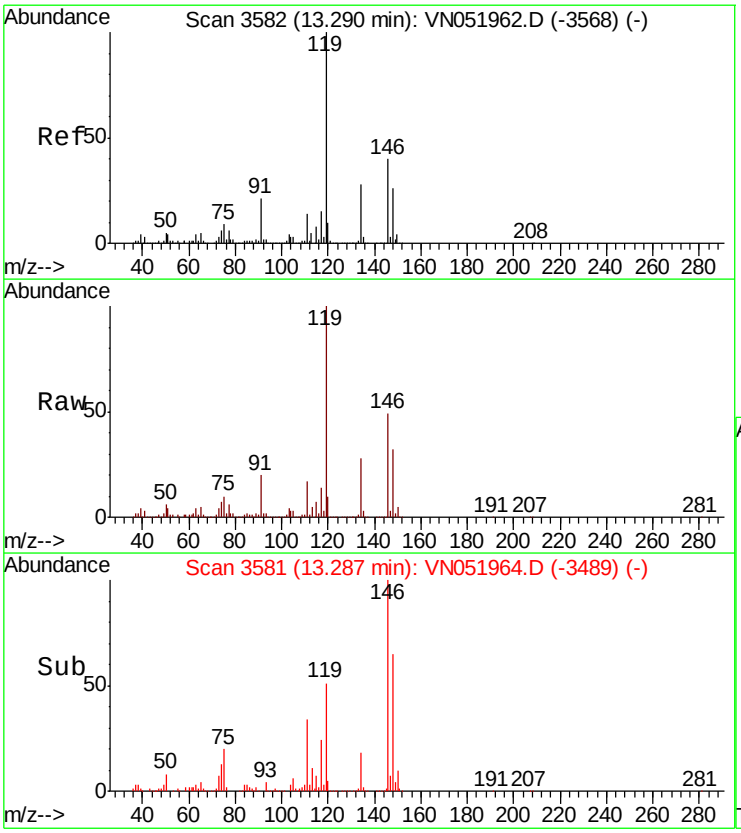

#85
sec-Butylbenzene
Concen: 143.890 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:105 Resp: 9376961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 22.3 | 10.9 | 32.9 |

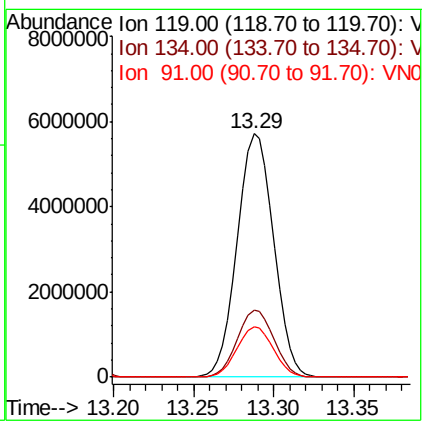


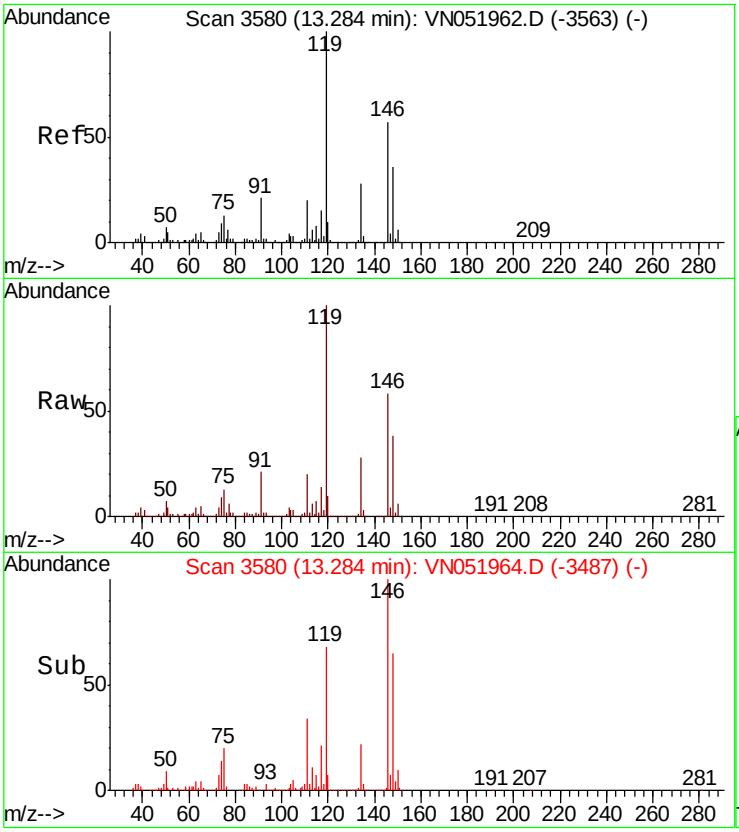




#86
p-Isopropyltoluene
Concen: 150.906 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:119 Resp: 8853803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.6 | 13.9 | 41.7 |
| 91 | 20.6 | 10.6 | 31.8 |



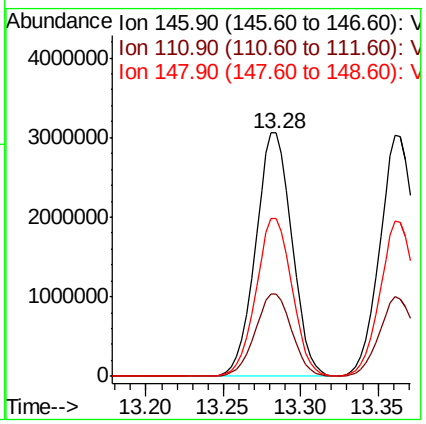


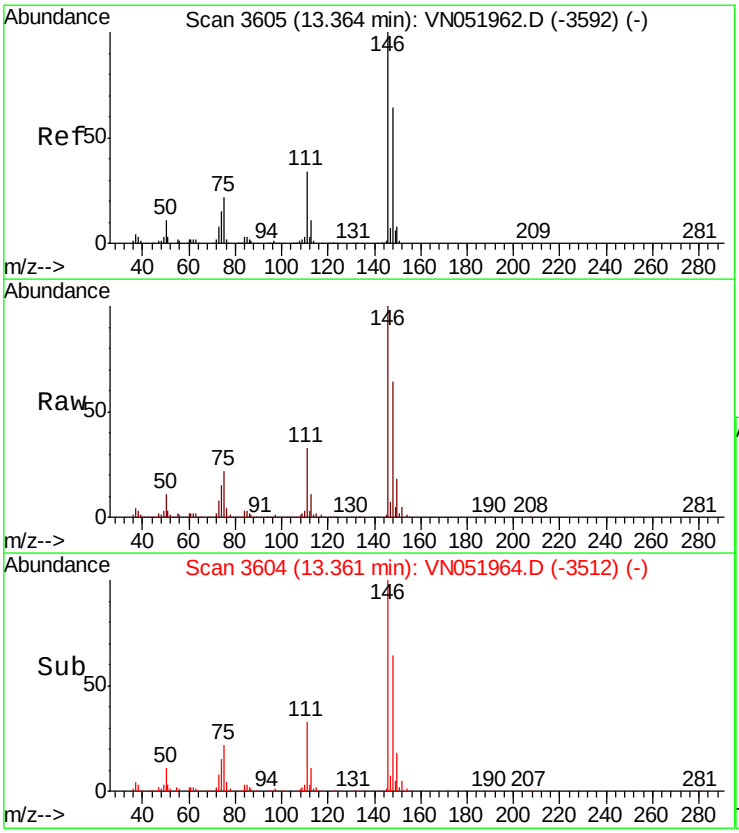

#87
1,3-Dichlorobenzene
Concen: 149.093 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 4990126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.1 | 17.6 | 52.8 |
| 148 | 64.6 | 32.0 | 96.0 |

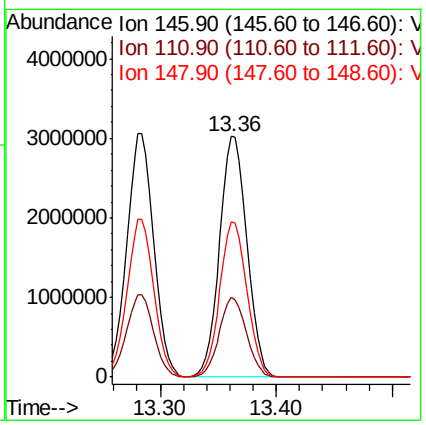


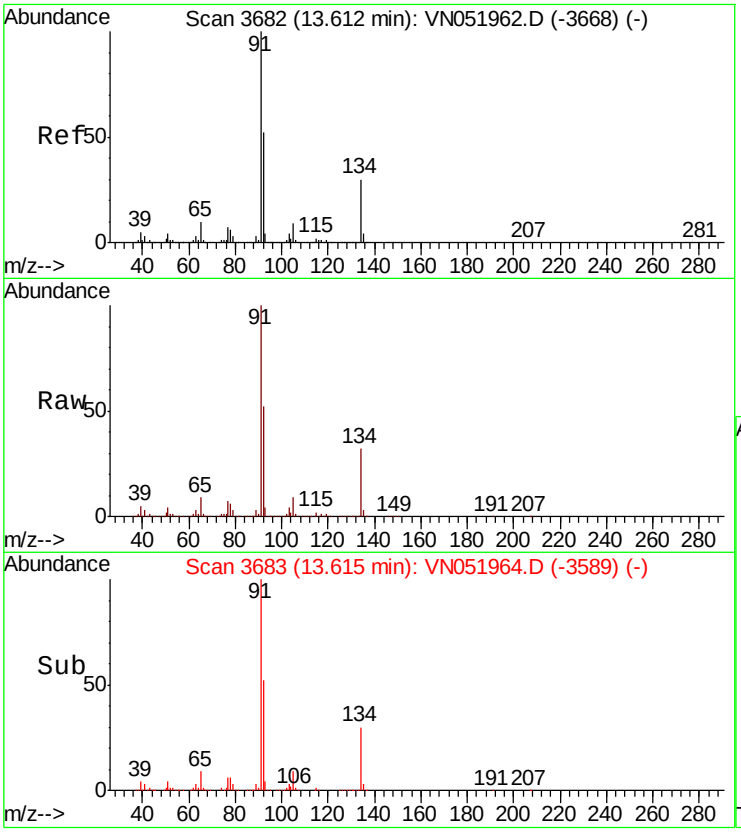




#88
1,4-Dichlorobenzene
Concen: 149.623 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:146 Resp: 4937107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 32.7 | 17.3 | 51.7 |
| 148 | 64.0 | 32.1 | 96.3 |



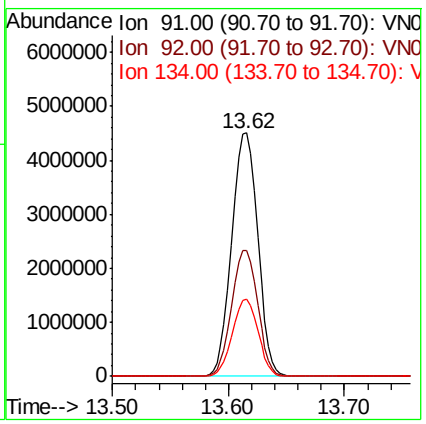


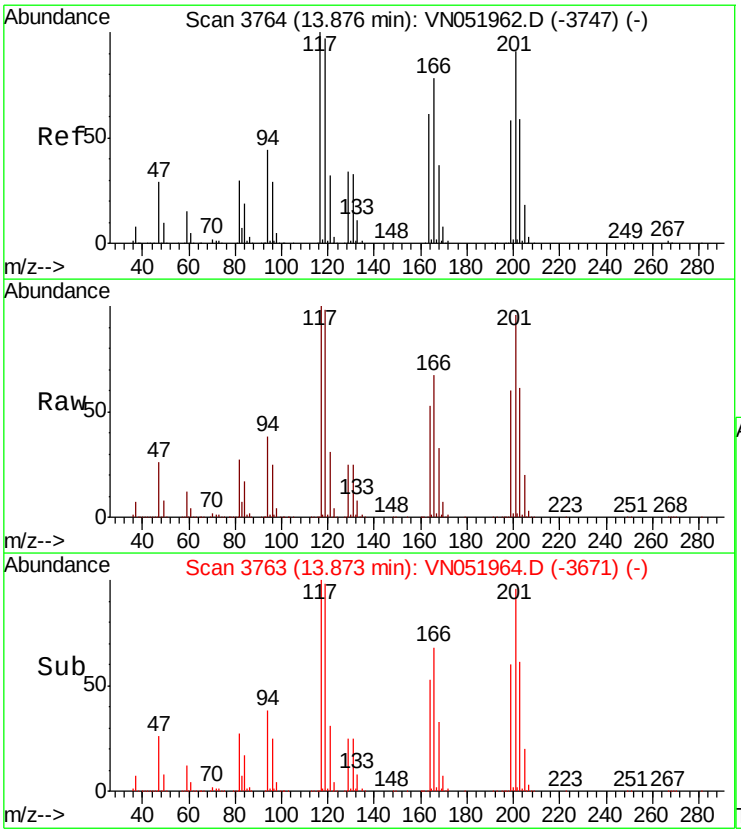

#89
n-Butylbenzene
Concen: 149.336 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 6976644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.8 | 25.9 | 77.8 |
| 134 | 31.4 | 15.2 | 45.6 |

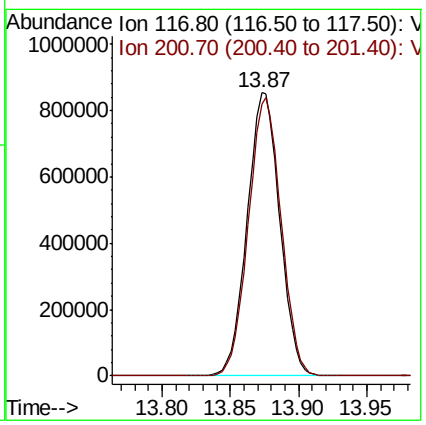


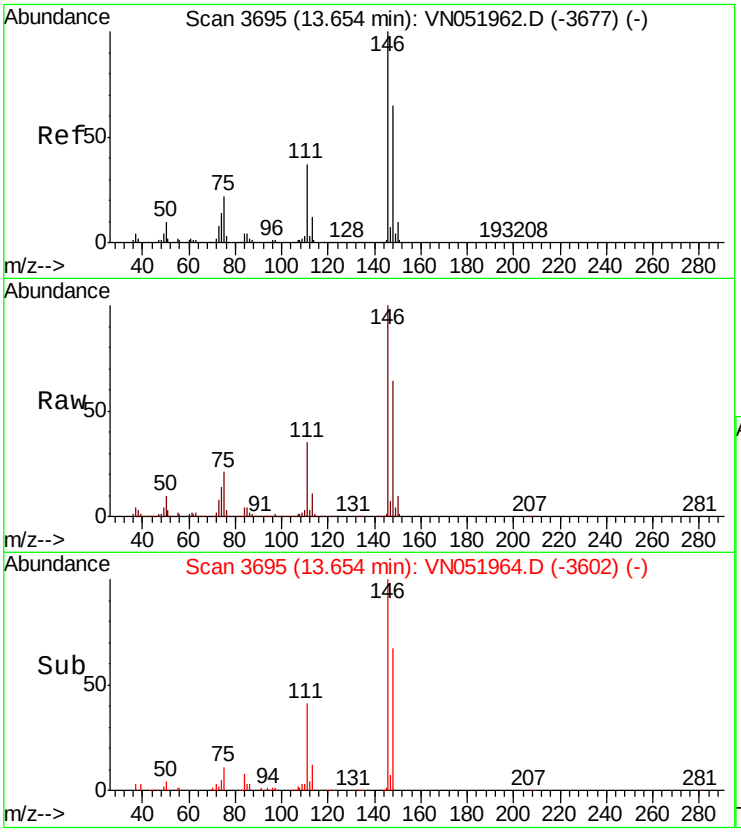




#90
Hexachloroethane
Concen: 161.910 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:117 Resp: 1415213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 98.6 | 45.6 | 136.9 |



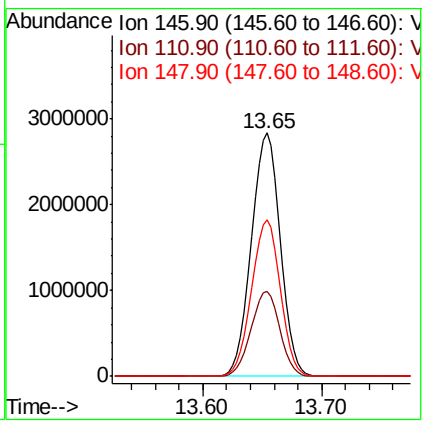


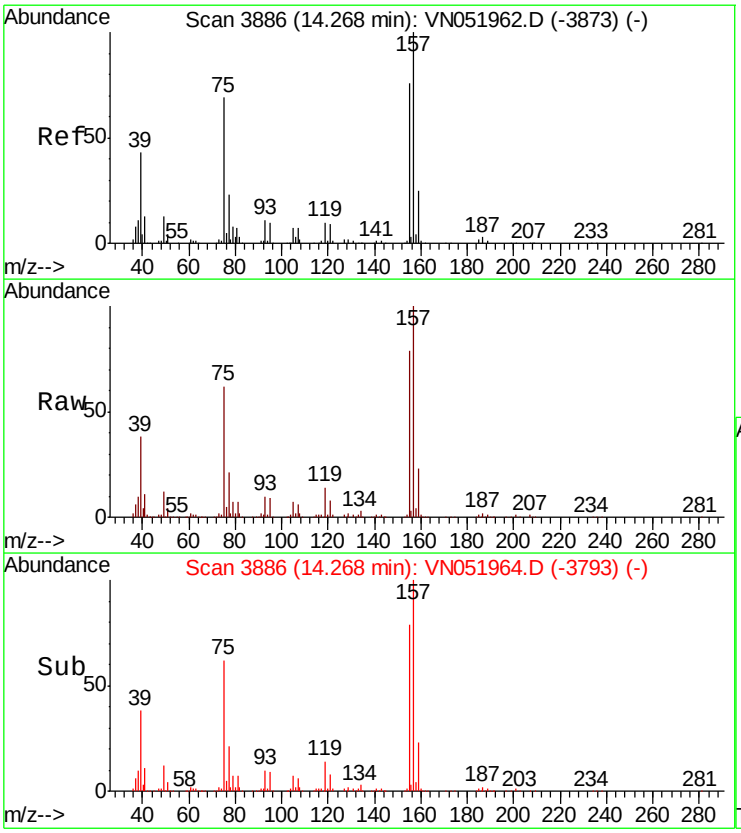

#91
1,2-Dichlorobenzene
Concen: 146.989 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 4759329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.9 | 18.3 | 54.9 |
| 148 | 64.2 | 32.4 | 97.0 |

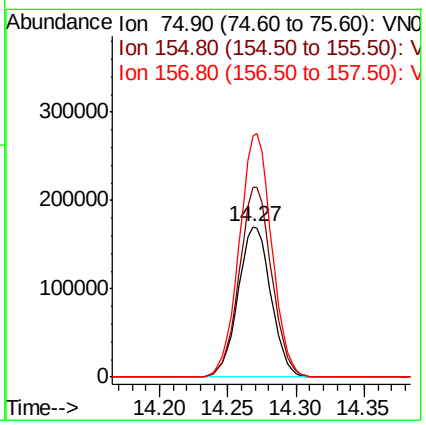


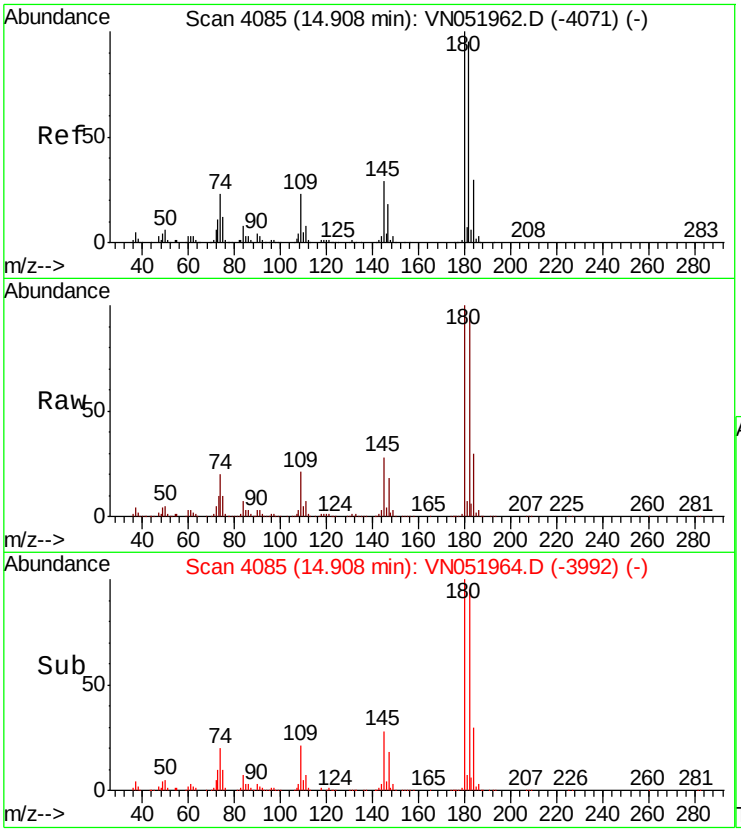




#92
1,2-Dibromo-3-Chloropropane
Concen: 136.461 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion: 75 Resp: 284674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 124.4 | 56.0 | 167.9 |
| 157 | 159.4 | 73.9 | 221.6 |



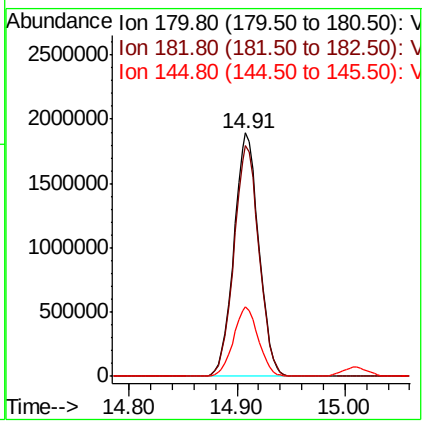


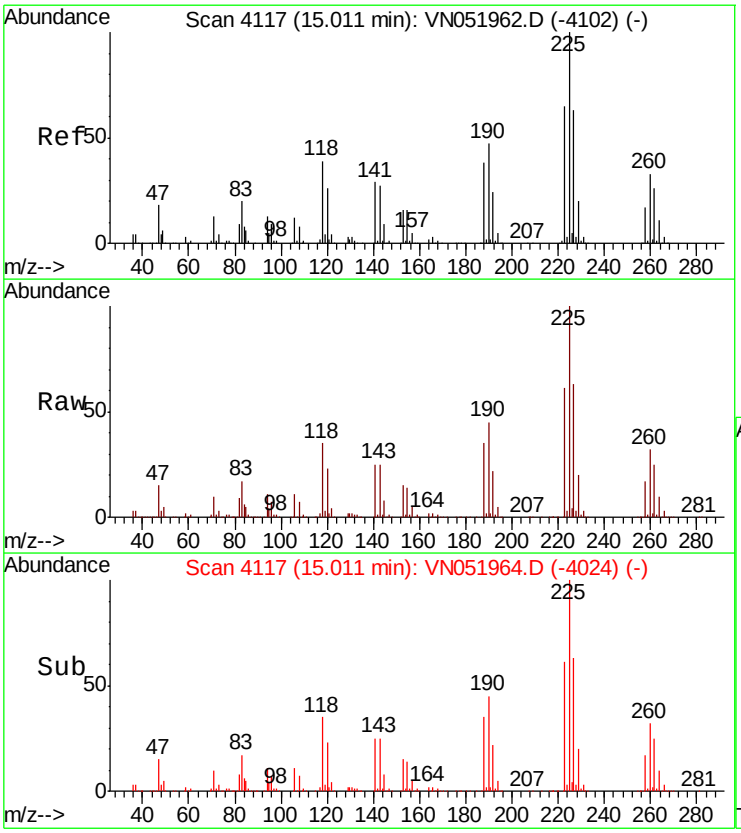

#93
1,2,4-Trichlorobenzene
Concen: 158.990 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:180 Resp: 3040884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 47.8 | 143.4 |
| 145 | 28.6 | 14.5 | 43.5 |

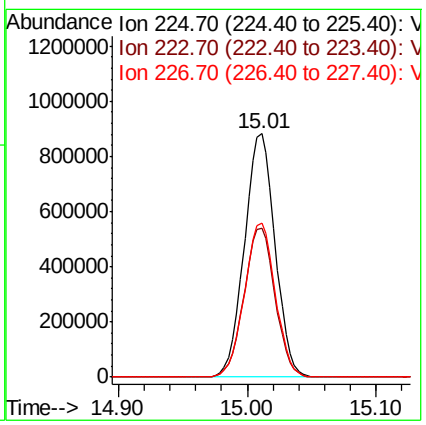


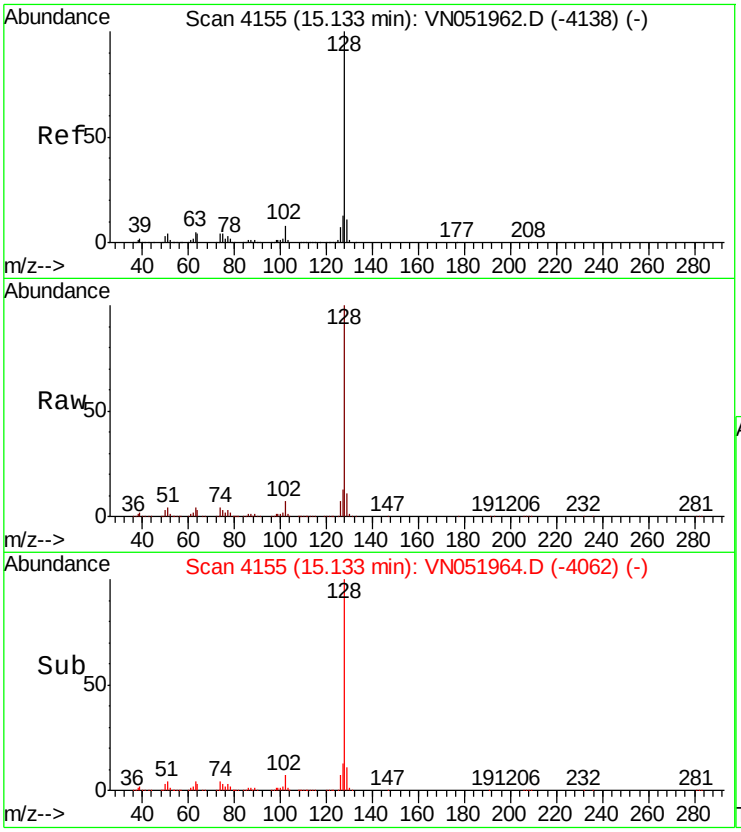




#94
Hexachlorobutadiene
Concen: 148.291 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:225 Resp: 1457363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 31.8 | 95.4 |
| 227 | 63.7 | 31.4 | 94.2 |



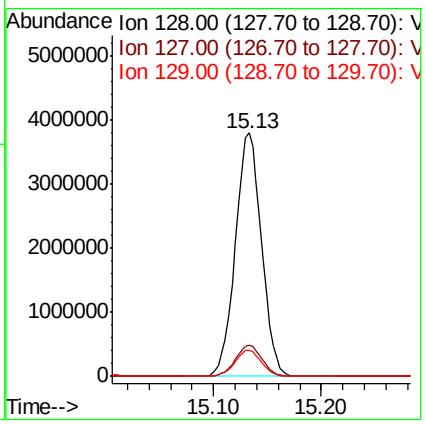


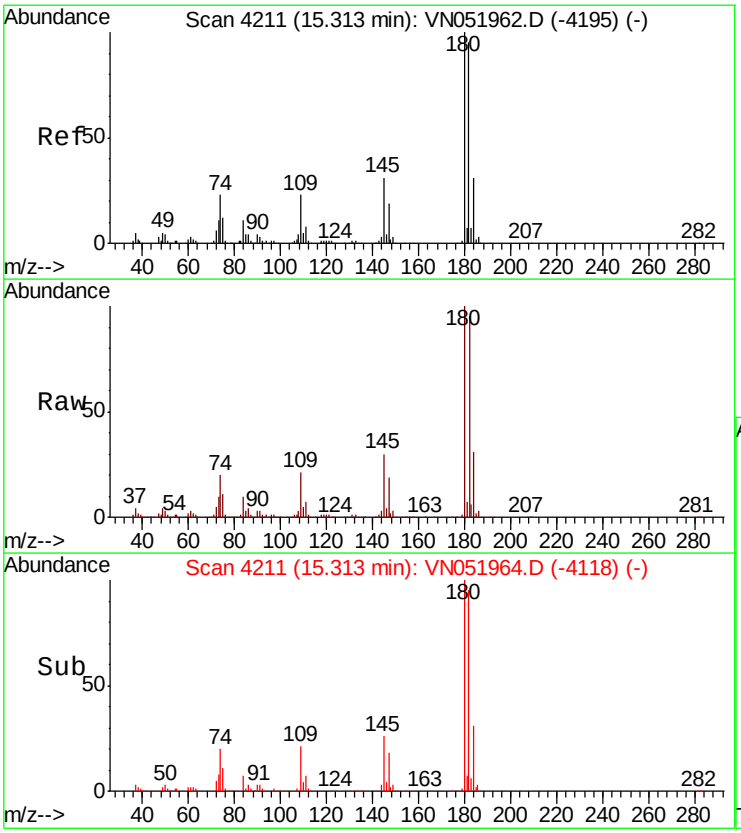

#95
Naphthalene
Concen: 153.937 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:128 Resp: 6394159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.3 | 15.5 |
| 129 | 10.9 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 154.849 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051964.D
Acq: 23 Oct 2018 14:54

Tgt Ion:180 Resp: 2830938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 47.9 | 143.6 |
| 145 | 29.9 | 15.4 | 46.2 |